

10/590,458

=> d his

(FILE 'HOME' ENTERED AT 13:29:27 ON 27 OCT 2009)

FILE 'REGISTRY' ENTERED AT 13:29:38 ON 27 OCT 2009

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 STRUCTURE UPLOADED
L4 50 S L3
L5 SCREEN 2040
L6 STRUCTURE UPLOADED
L7 QUE L6 AND L5
L8 49 S L7
L9 2799 S L3 SSS FUL
L10 1018 S L7 SUB=L9 FUL
L11 1781 S L9 NOT L10
L12 526 S L10 AND CAPLUS/LC
L13 1747 S L11 AND CAPLUS/LC

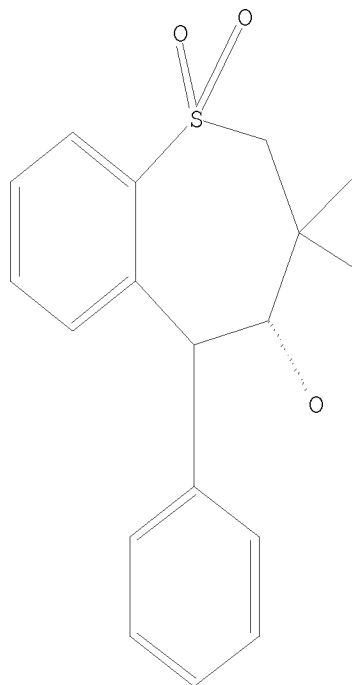
FILE 'CAPLUS' ENTERED AT 13:36:47 ON 27 OCT 2009

L14 30 S L10
L15 31 S L11
L16 46 S L14 OR L15
L17 45 S L16 NOT (2009/SO OR 2008/SO OR 2007/SO OR 2006/SO)

=> d 13

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

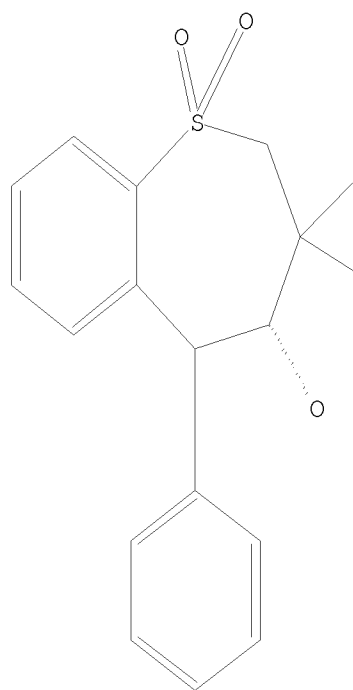
10/590,458

=> d 17

L7 HAS NO ANSWERS

L5 SCR 2040

L6 STR



Structure attributes must be viewed using STN Express query preparation.

L7 QUE ABB=ON PLU=ON L6 AND L5

=> d ibib abs hitstr total

L17 ANSWER 1 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:646814 CAPLUS
 DOCUMENT NUMBER: 151:1305
 TITLE: Treatment for solid tumors using ACAT inhibitors
 INVENTOR(S): White, David William; Shengfang, Jin; Coopersmith, Robert Mark; Malstrom, Scott Edward; Nguyen, Thi T.
 PATENT ASSIGNEE(S): Ore Pharmaceuticals Inc., USA
 SOURCE: PCT Int. Appl., 57pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009067397	A2	20090528	WO 2008-US83750	20081117
WO 2009067397	A3	20090924		
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
US 20090192220	A1	20090730	US 2008-272145	20081117
PRIORITY APPLN. INFO.:			US 2007-989062P	P 20071119
AB	A method for treating a solid tumor in a subject comprises administering to the subject an ACAT (Acyl CoA:cholesterol O-acyltransferase) inhibitory compound or a prodrug thereof, for example avasimibe, wherein (a) the solid tumor is at least about 2 mm in diameter and (b) the compound or prodrug thereof is administered in an amount that is therapeutically effective, but ineffective to cause unacceptable toxicity to normoxic tissues. It has now surprisingly been found that compds. known to be active as ACAT inhibitors suppress induction of genes for proangiogenic factors such as vascular endothelial growth factor (VEGF), factors promoting cell survival and proliferation such as insulin-like growth factor binding protein 3 (IGF-BP3), and/or pH regulating factors such as carbonic anhydrase 9 (CA9), via a hypoxia-responsive element (HRE) in promoter regions of such genes, in cells under hypoxic conditions. Onset of hypoxia, which is known to occur in a solid tumor that has reached a diameter of about 2 mm, normally promotes angiogenesis and proliferation through activation of HIRE, but when activation of HRE is suppressed by a compound as provided herein, it is believed that these hypoxia-induced effects are suppressed, resulting in inhibition of further growth of the tumor.			
IT	289037-67-8, SC-435 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (treatment for solid tumors using ACAT inhibitors in relation to hypoxia and inhibition of angiogenesis)			
RN	289037-67-8 CAPLUS			
CN	4-Aza-1-azoniabicyclo[2.2.2]octane,			

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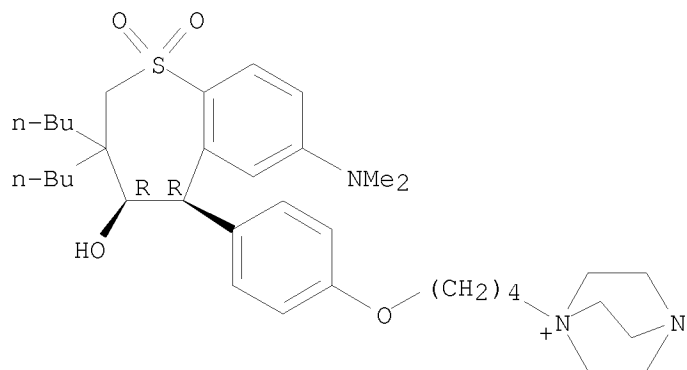
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7

CMF C36 H56 N3 O4 S

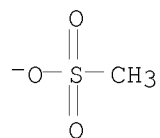
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



L17 ANSWER 2 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:614512 CAPLUS

DOCUMENT NUMBER: 148:577395

TITLE: 1,4-Benzothiepine-1,1-dioxide derivatives with improved properties, preparation method, drugs containing them, and therapeutic use

INVENTOR(S): Glombik, Heiner; Frick, Wendelin; Theis, Stefan; Heuer, Hubert; Schaefer, Hans-Ludwig; Kramer, Werner

PATENT ASSIGNEE(S): Sanofi-Aventis Deutschland G.m.b.H., Germany

SOURCE: PCT Int. Appl., 49pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

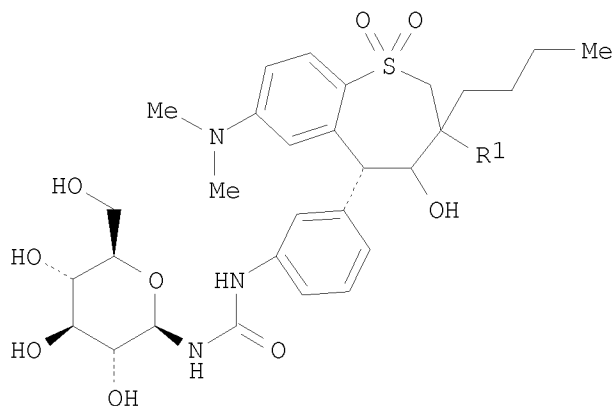
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2008058631	A1	20080522	WO 2007-EP9396	20071030
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
EP 2083832	A1	20090805	EP 2007-819437	20071030
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR			
PRIORITY APPLN. INFO.:			DE 2006-102006053634A	20061114
			WO 2007-EP9396	W 20071030

OTHER SOURCE(S): MARPAT 148:577395

GI



I

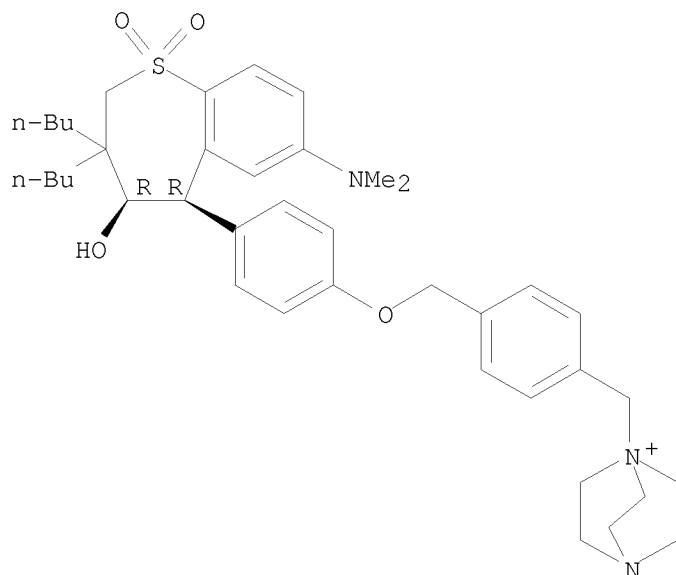
AB The invention discloses compds. I (R1 = C1-4 alkyl), and physiol.
acceptable salts thereof. These compds. are suitable as e.g.
hypolipidemics. Preparation of selected compds. is described.

IT 716313-53-0
RL: PAC (Pharmacological activity); BIOL (Biological study)
(benzothiepine dioxide derivs. with improved properties, preparation method,
drugs containing them, therapeutic use, and use with other agents)

RN 716313-53-0 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-
(CA INDEX NAME)

Absolute stereochemistry.



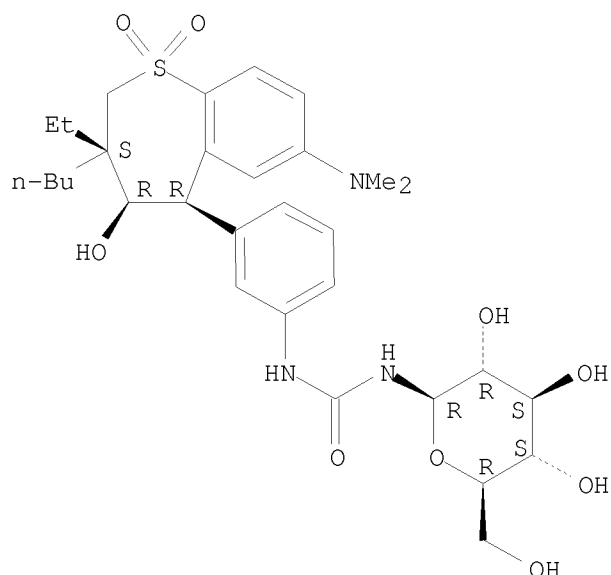
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IT      1026668-00-7P      1026668-01-8P
      RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
      (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
      (Uses)
      (benzothiepine dioxide derivs. with improved properties, preparation method,
      drugs containing them, therapeutic use, and use with other agents)
RN      1026668-00-7      CAPLUS
CN      Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-
      tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-β-D-
      glucopyranosyl- (CA INDEX NAME)

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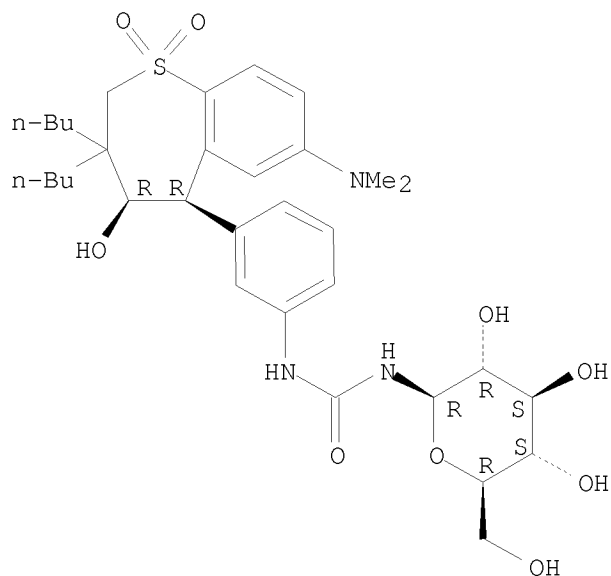
Absolute stereochemistry.

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RN 1026668-01-8 CAPLUS
CN Urea, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-β-D-glucopyranosyl-
(CA INDEX NAME)

Absolute stereochemistry.

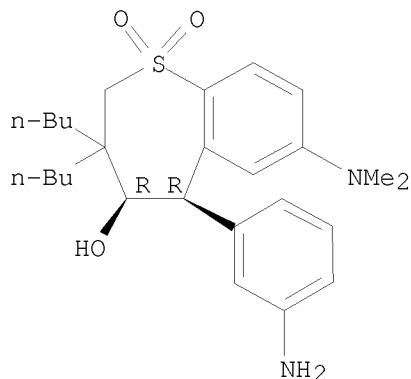


IT 865594-07-6 1025009-40-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(benzothiepine dioxide derivs. with improved properties, preparation method,
drugs containing them, therapeutic use, and use with other agents)
RN 865594-07-6 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

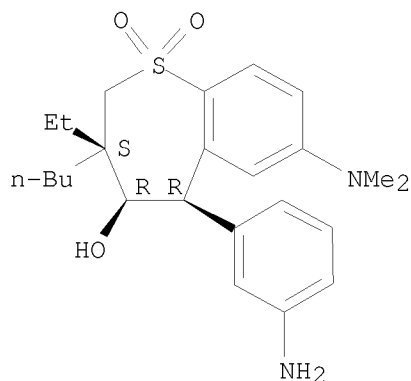
Absolute stereochemistry. Rotation (+).



RN 1025009-40-8 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3-butyl-7-(dimethylamino)-3-ethyl-
2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT 1026667-99-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

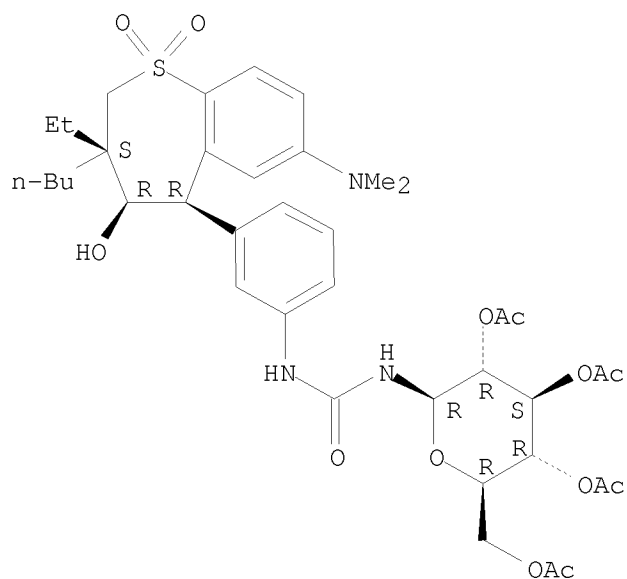
(benzothiepine dioxide derivs. with improved properties, preparation method,
drugs containing them, therapeutic use, and use with other agents)

RN 1026667-99-1 CAPLUS

CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(2,3,4,6-
tetra-O-acetyl-β-D-glucopyranosyl)- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 3 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:587666 CAPLUS

DOCUMENT NUMBER: 148:562116

TITLE: Preparation of benzyl-substituted aminoglycoside
1,4-benzothiepin-1,1-dioxides as ileal bile acid
transporter (IBAT) inhibitorsINVENTOR(S): Frick, Wendelin; Glombik, Heiner; Theis, Stefan;
Heuer, Hubert; Schaefer, Hans-Ludwig; Kramer, Werner

PATENT ASSIGNEE(S): Sanofi-Aventis Deutschland GmbH, Germany

SOURCE: Ger. Offen., 27pp.

CODEN: GWXXBX

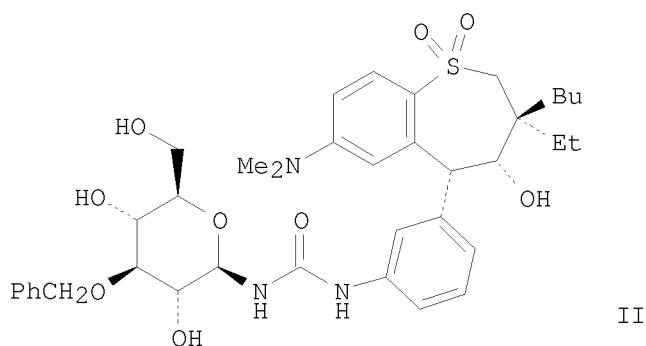
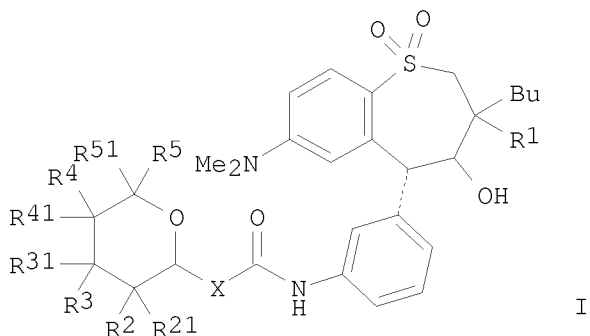
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102006053635	A1	20080515	DE 2006-102006053635	20061114
AU 2007321496	A1	20080522	AU 2007-321496	20071030
CA 2669230	A1	20080522	CA 2007-2669230	20071030
WO 2008058628	A1	20080522	WO 2007-EP9393	20071030
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
KR 2009082396	A	20090730	KR 2009-709914	20071030
EP 2084172	A1	20090805	EP 2007-819434	20071030
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS			
MX 2009003958	A	20090427	MX 2009-3958	20090415
NO 2009001893	A	20090709	NO 2009-1893	20090514
CN 101535326	A	20090916	CN 2007-80042439	20090514
PRIORITY APPLN. INFO.:			DE 2006-102006053635A	20061114
			WO 2007-EP9393	W 20071030
OTHER SOURCE(S):	MARPAT 148:562116			
GI				



AB Title compds. (I; X = O, NH, CH₂, bond; R₁ = alkyl; R₂, R₂₁, R₃, R₃₁, R₄, R₄₁, R₅, R₅₁ = H, Cl, Br, iodo, OH, CH₂OH, CF₃, NO₂, N₃, cyano, CO₂H, CONH₂, alkoxy carbonyl, alkyl, alkenyl, alkynyl, fluoroalkyl, Ph, PhO, PhCH₂, etc.), were prepared. Thus, title compound (II) (multistep preparation given) inhibited human IBAT with IC₅₀ = 0.0044 μM.

IT 1025019-24-2P 1025019-28-6P 1025019-30-0P
1025019-31-1P 1025019-35-5P 1025019-37-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

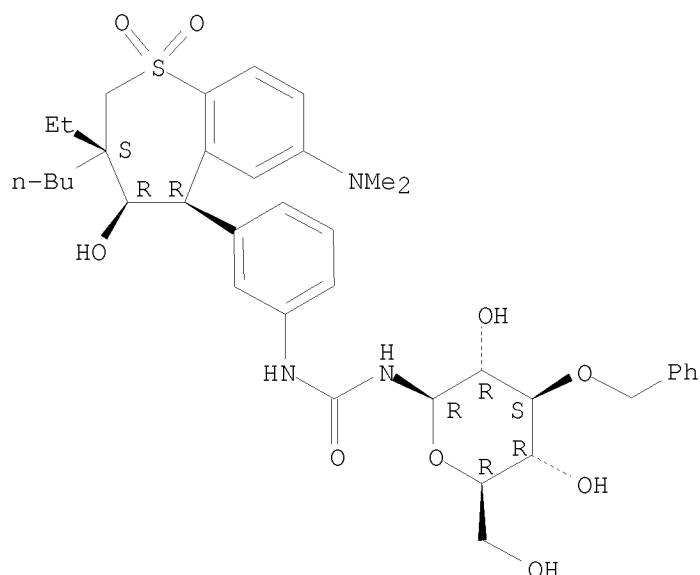
(preparation of benzyl-substituted aminoglycoside benzothiepin dioxides as IBAT inhibitors)

RN 1025019-24-2 CAPLUS

CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[3-O-(phenylmethyl)-β-D-glucopyranosyl]- (CA INDEX NAME)

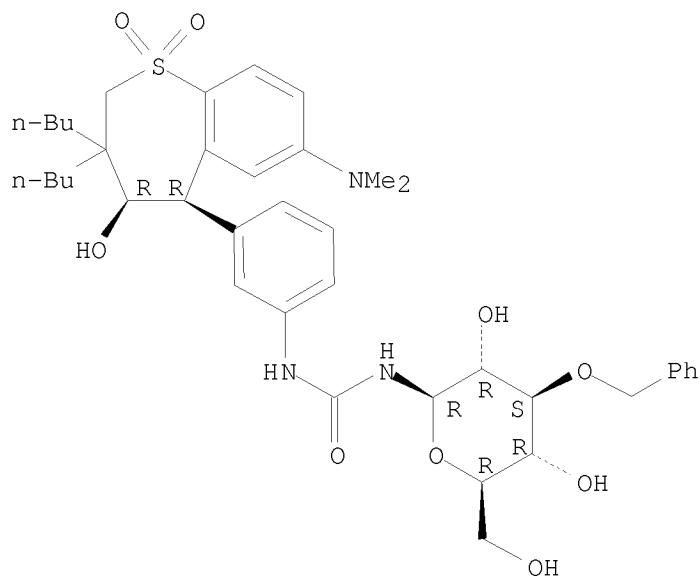
Absolute stereochemistry.

10/590,458



RN 1025019-28-6 CAPLUS
CN Urea, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[3-O-(phenylmethyl)-β-D-glucopyranosyl]- (CA INDEX NAME)

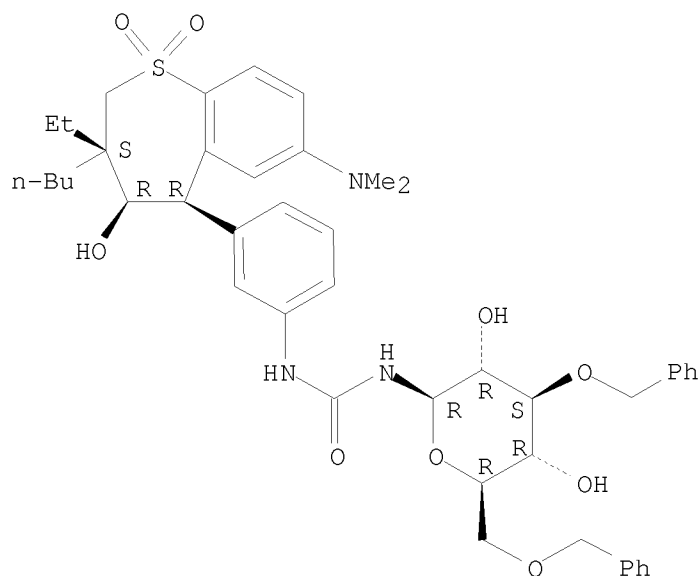
Absolute stereochemistry.



RN 1025019-30-0 CAPLUS
CN Urea, N-[3,6-bis-O-(phenylmethyl)-β-D-glucopyranosyl]-N'-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- (CA INDEX NAME)

10/590,458

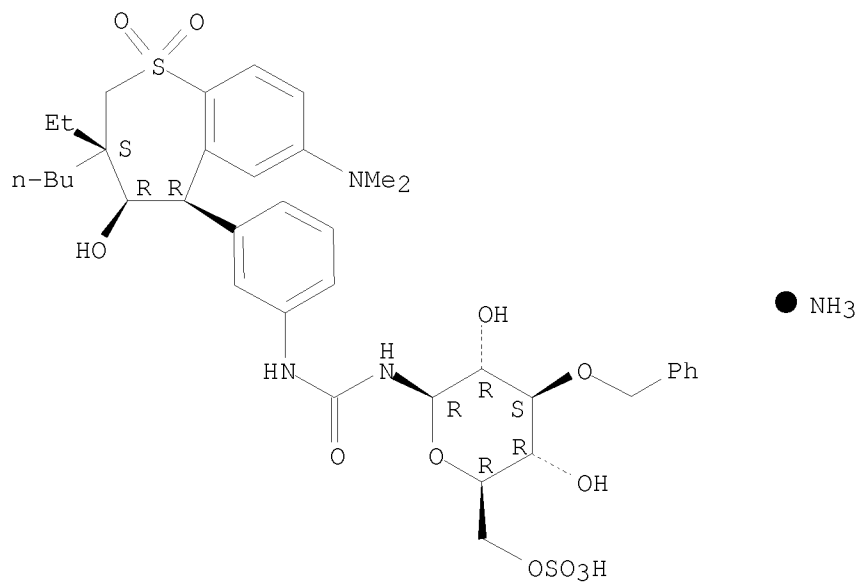
Absolute stereochemistry.



RN 1025019-31-1 CAPLUS

CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[3-O-(phenylmethyl)-6-O-sulfo-β-D-glucopyranosyl]-, ammonium salt (1:1)
(CA INDEX NAME)

Absolute stereochemistry.



RN 1025019-35-5 CAPLUS

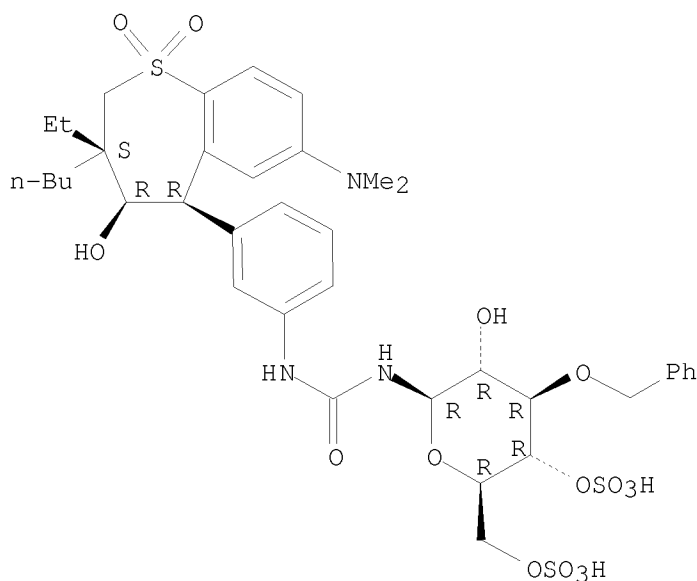
CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[3-O-

10/590,458

(phenylmethyl)-4,6-di-O-sulfo- β -D-glucopyranosyl]-, ammonium salt
(1:2) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



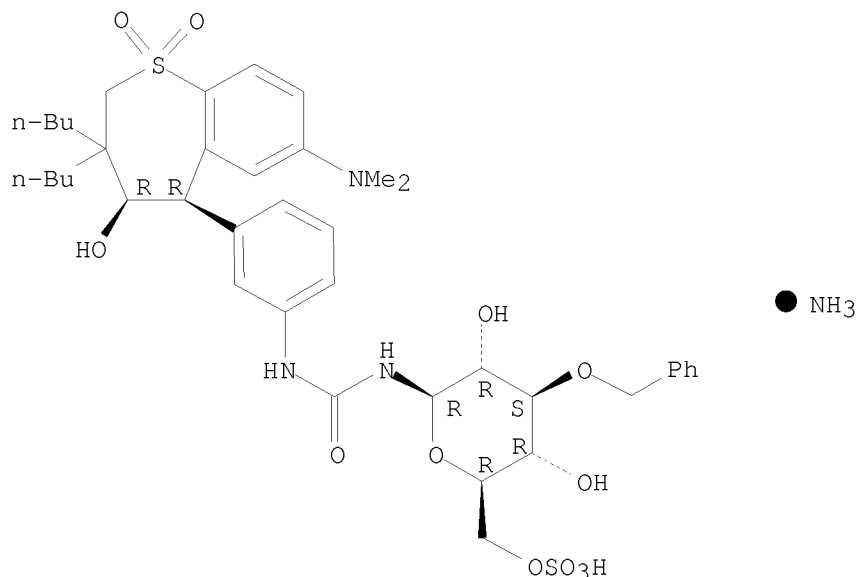
PAGE 2-A

● 2 NH₃

RN 1025019-37-7 CAPLUS

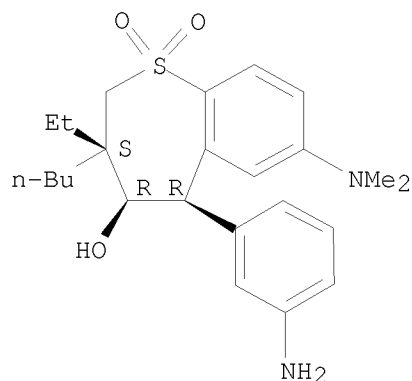
CN Urea, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[3-O-(phenylmethyl)-6-O-sulfo- β -D-glucopyranosyl]-, ammonium salt (1:1) (CA INDEX NAME)

Absolute stereochemistry.



IT 1025009-40-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of benzyl-substituted aminoglycoside benzothiepin dioxides as
 IBAT inhibitors)
 RN 1025009-40-8 CAPLUS
 CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3-butyl-7-(dimethylamino)-3-ethyl-
 2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

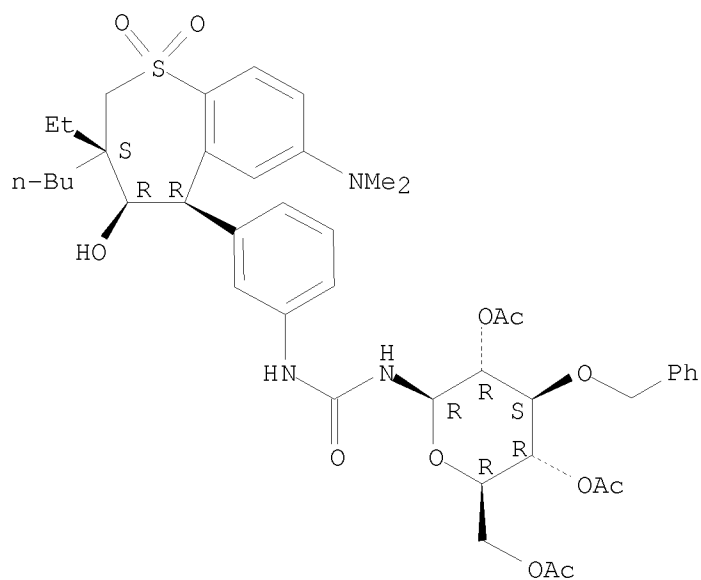
Absolute stereochemistry.



IT 1025019-41-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of benzyl-substituted aminoglycoside benzothiepin dioxides as
 IBAT inhibitors)
 RN 1025019-41-3 CAPLUS
 CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-
 tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[2,4,6-tri-
 O-acetyl-3-O-(phenylmethyl)-β-D-glucopyranosyl]- (CA INDEX NAME)

10/590,458

Absolute stereochemistry.



REFERENCE COUNT:

1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 4 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:587631 CAPLUS
 DOCUMENT NUMBER: 148:561743
 TITLE: Preparation of 2,3,4,5-tetrahydrobenzo[b]thiepin
 1,1-dioxides as hypolipidemic agents
 INVENTOR(S): Frick, Wendelin; Glombik, Heiner; Theis, Stefan;
 Heuer, Hubert; Schaefer, Hans-Ludwig; Kramer, Werner
 PATENT ASSIGNEE(S): Sanofi-Aventis Deutschland GmbH, Germany
 SOURCE: Ger. Offen., 25pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102006053636	A1	20080515	DE 2006-102006053636	20061114
DE 102006053636	B4	20080918		
WO 2008058629	A1	20080522	WO 2007-EP9394	20071030
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM EP 2084143 A1 20090805 EP 2007-819435 20071030 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR PRIORITY APPLN. INFO.: DE 2006-102006053636A 20061114 WO 2007-EP9394 W 20071030 OTHER SOURCE(S): MARPAT 148:561743 GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

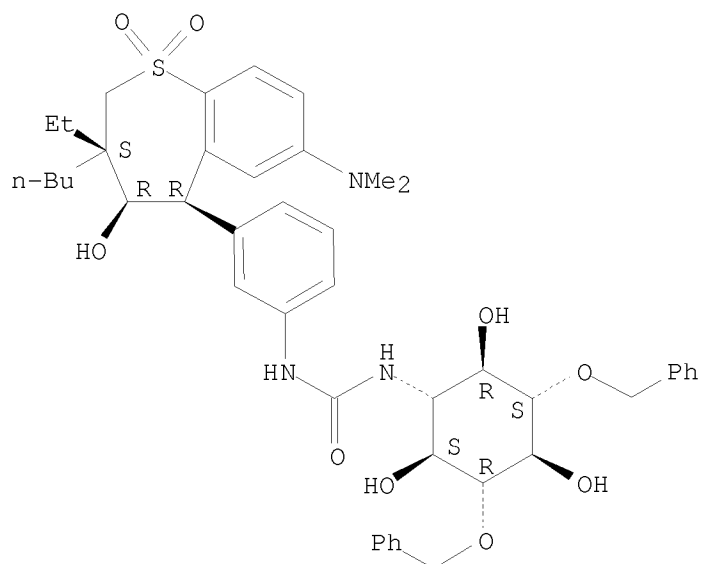
AB Title compds. I [X = O, NH; R1 = alkyl; R2, R2', R3, R3', R4, R4', R5,
 R5', R6, R6' = H, OH, halo, etc.]; and their pharmaceutically acceptable
 salts were prepared For example, tetrahydrobenzo[b]thiepin 1,1-dioxide II
 was prepared in 5-steps. In apical sodium-dependent bile acid transporter
 protein inhibition assays, 2-examples of compds. I exhibited IC50 values
 of 0.0042 and 0.016 μ M.

IT 1025080-90-3P 1025080-92-5P 1025080-95-8P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of tetrahydrobenzo[b]thiepin 1,1-dioxides as hypolipidemic
 agents)

10/590,458

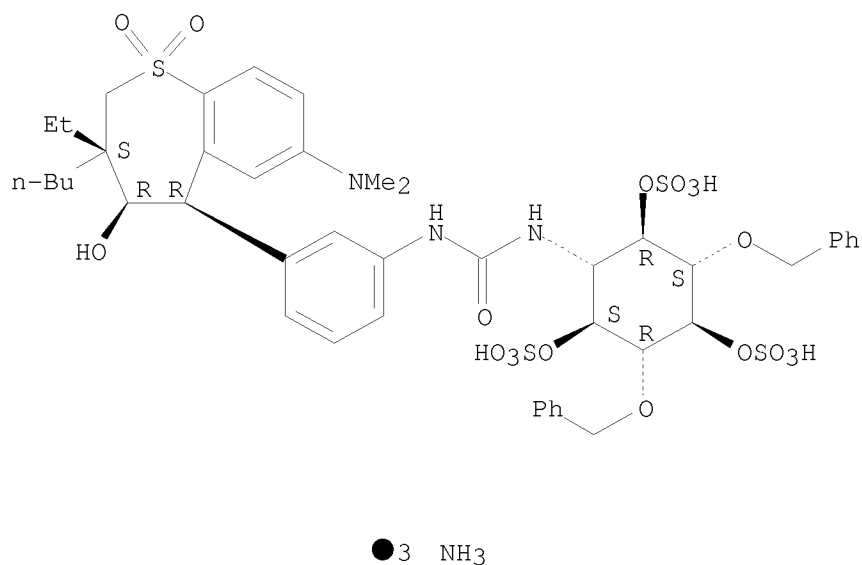
RN 1025080-90-3 CAPLUS
CN scyllo-Inositol, 1-[[[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]carbonyl]amino]-1-deoxy-3,5-bis-O-(phenylmethyl)- (CA INDEX NAME)

Absolute stereochemistry.



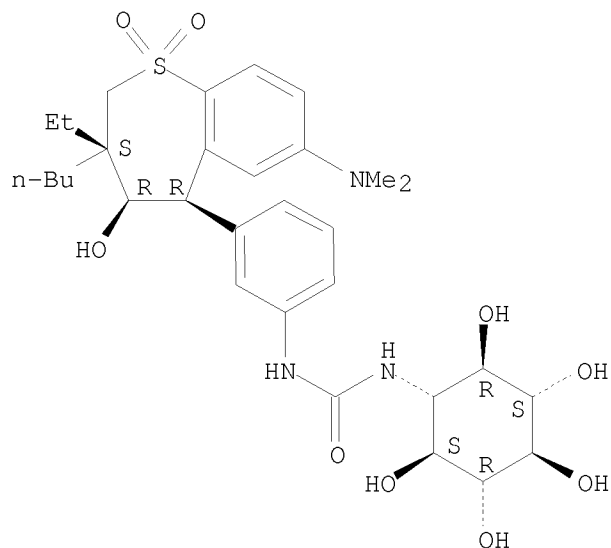
RN 1025080-92-5 CAPLUS
CN scyllo-Inositol, 1-[[[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]carbonyl]amino]-1-deoxy-3,5-bis-O-(phenylmethyl)-, 2,4,6-tris(hydrogen sulfate), ammonium salt (1:3) (CA INDEX NAME)

Absolute stereochemistry.



RN 1025080-95-8 CAPLUS
 CN scyllo-Inositol, 1-[[[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]carbonyl]amino]-1-deoxy- (CA INDEX NAME)

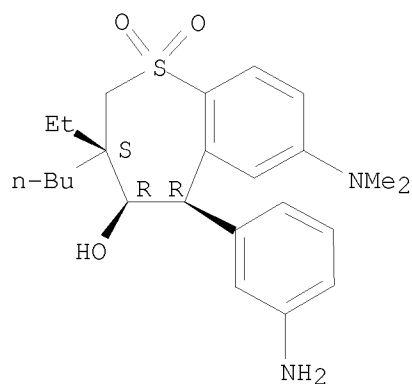
Absolute stereochemistry.



IT 1025009-40-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of tetrahydrobenzo[b]thiepin 1,1-dioxides as hypolipidemic agents)
 RN 1025009-40-8 CAPLUS
 CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3-butyl-7-(dimethylamino)-3-ethyl-

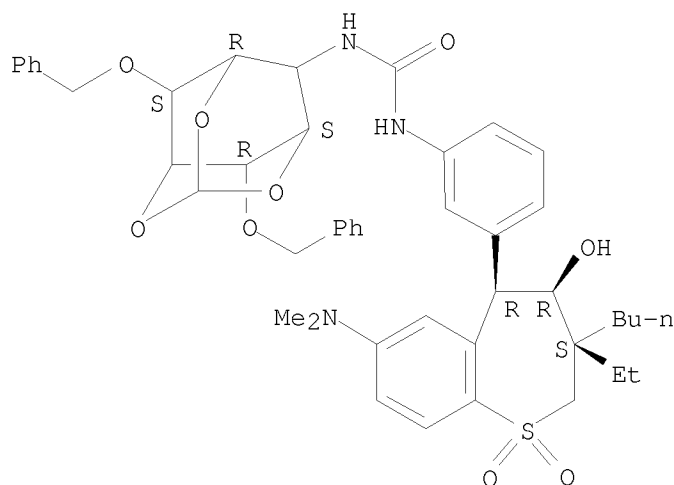
2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT 1025081-05-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of tetrahydrobenzo[b]thiepin 1,1-dioxides as hypolipidemic
 agents)
 RN 1025081-05-3 CAPLUS
 CN scyllo-Inositol, 1-[[[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-
 2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
 yl]phenyl]amino]carbonyl]amino]-1-deoxy-2,4,6-O-methylidene-3,5-bis-O-
 (phenylmethyl)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:587628 CAPLUS

DOCUMENT NUMBER: 148:562115

TITLE: Preparation of fluorinated aminoglycoside
1,4-benzothiepin-1,1-dioxides as ileal bile acid
transporter (IBAT) inhibitors.INVENTOR(S): Frick, Wendelin; Glombik, Heiner; Theis, Stefan;
Heuer, Hubert; Schaefer, Hans-Ludwig; Kramer, Werner

PATENT ASSIGNEE(S): Sanofi-Aventis Deutschland GmbH, Germany

SOURCE: Ger. Offen., 29pp.

CODEN: GWXXBX

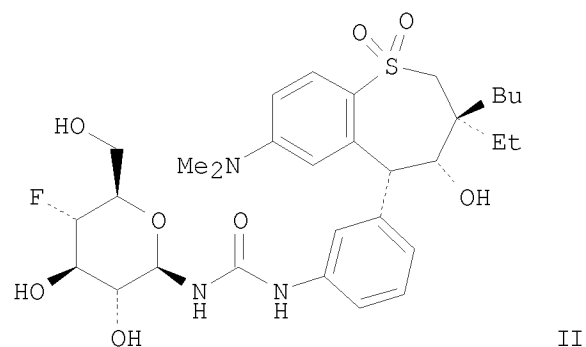
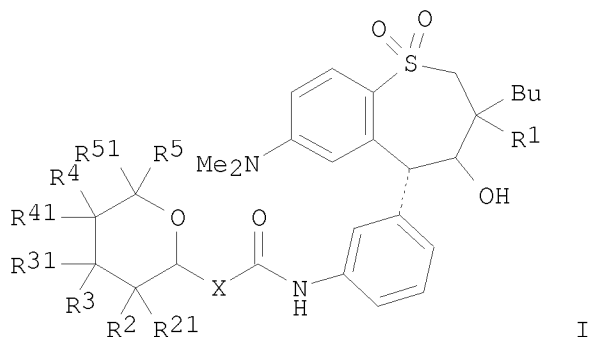
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102006053637	A1	20080515	DE 2006-102006053637	20061114
WO 2008058630	A1	20080522	WO 2007-EP9395	20071030
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 2084173	A1	20090805	EP 2007-819436	20071030
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR				
PRIORITY APPLN. INFO.:			DE 2006-102006053637A	20061114
			WO 2007-EP9395	W 20071030
OTHER SOURCE(S):			MARPAT 148:562115	
GI				



AB Title compds. (I; X = O, NH, CH₂, bond; R₁ = alkyl; R₂, R₂₁, R₃, R₃₁, R₄, R₄₁, R₅, R₅₁ = H, F, Cl, Br, iodo, OH, CH₂OH, CH₂F, CHF₂, CF₃, NO₂, N₃, cyano, CO₂H, alkoxy, carbonyl, CONH₂, alkyl, alkenyl, alkynyl, alkoxy, Ph, PhCH₂, PhO, etc.; ≥1 of R₂, R₂₁, R₃, R₃₁, R₄, R₄₁ = F or R₅, R₅₁ = CH₂F, CHF₂, CF₃), were prepared Thus, title compound (II) (multistep

preparation

given) inhibited human IBAT with IC₅₀ = 0.0065 μM.

IT 1025009-21-5P 1025009-22-6P 1025009-23-7P
1025009-25-9P 1025009-26-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

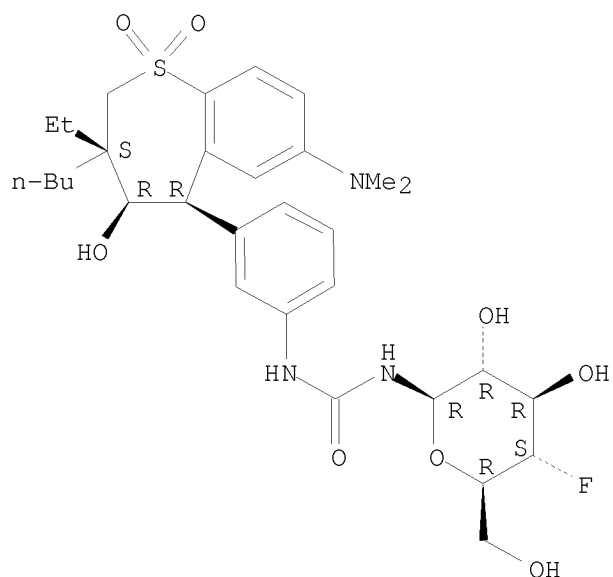
(preparation of fluorinated aminoglycoside benzothiepin dioxides as ileal bile acid transporter (IBAT) inhibitors)

RN 1025009-21-5 CAPLUS

CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(4-deoxy-4-fluoro-β-D-glucopyranosyl)- (CA INDEX NAME)

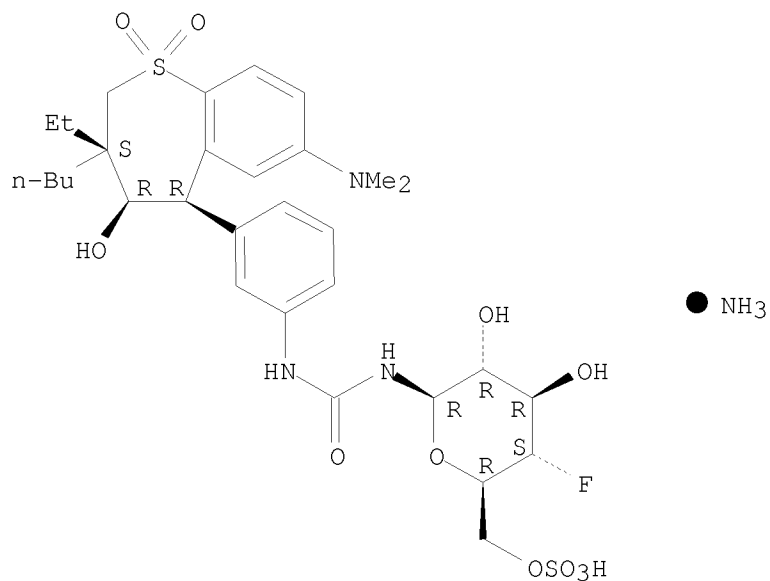
Absolute stereochemistry.

10/590,458



RN 1025009-22-6 CAPLUS
 CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(4-deoxy-4-fluoro-6-O-sulfo- β -D-glucopyranosyl)-, ammonium salt (1:1) (CA INDEX NAME)

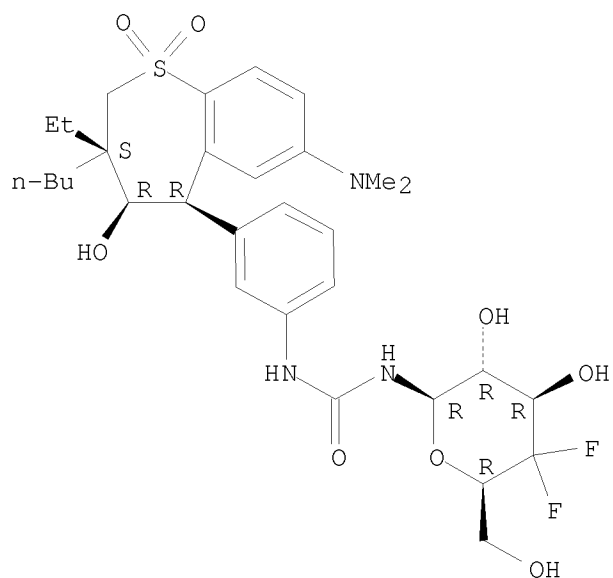
Absolute stereochemistry.



RN 1025009-23-7 CAPLUS
 CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(4-deoxy-4,4-difluoro- β -D-xylo-hexopyranosyl)- (CA INDEX NAME)

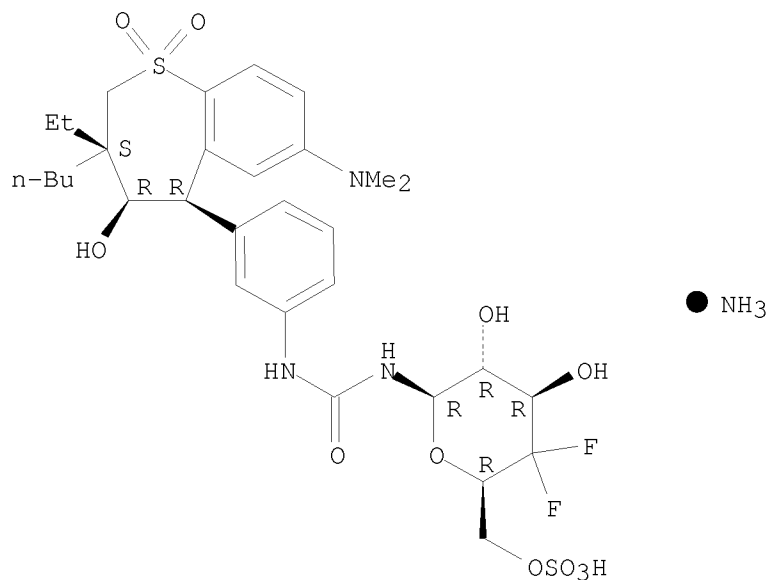
10/590,458

Absolute stereochemistry.



RN 1025009-25-9 CAPLUS
CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(4-deoxy-4,4-difluoro-6-O-sulfo-β-D-xylo-hexopyranosyl)-, ammonium salt (1:1)
(CA INDEX NAME)

Absolute stereochemistry.

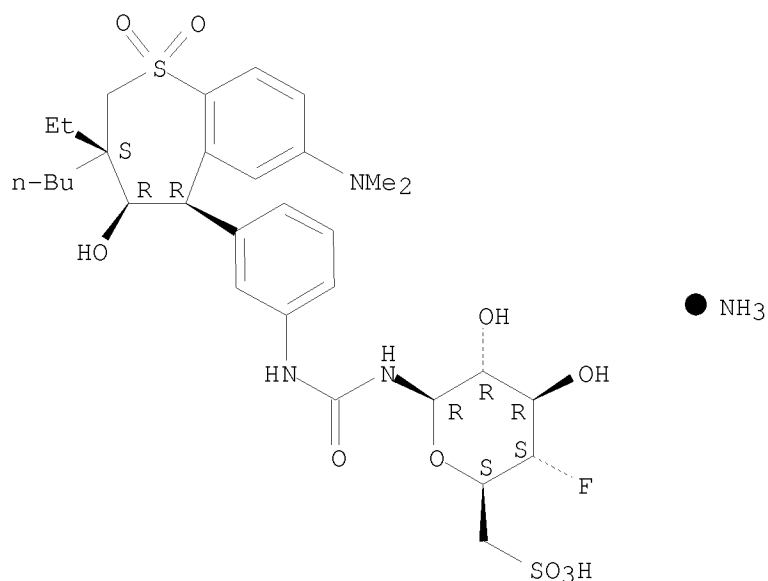


RN 1025009-26-0 CAPLUS
CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-

10/590,458

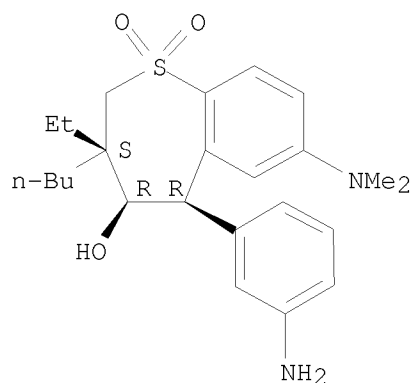
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(4,6-dideoxy-4-fluoro-6-sulfo- β -D-glucopyranosyl)-, ammonium salt (1:1)
(CA INDEX NAME)

Absolute stereochemistry.



IT 1025009-40-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of fluorinated aminoglycoside benzothiepin dioxides as ileal
bile acid transporter (IBAT) inhibitors)
RN 1025009-40-8 CAPLUS
CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3-butyl-7-(dimethylamino)-3-ethyl-
2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



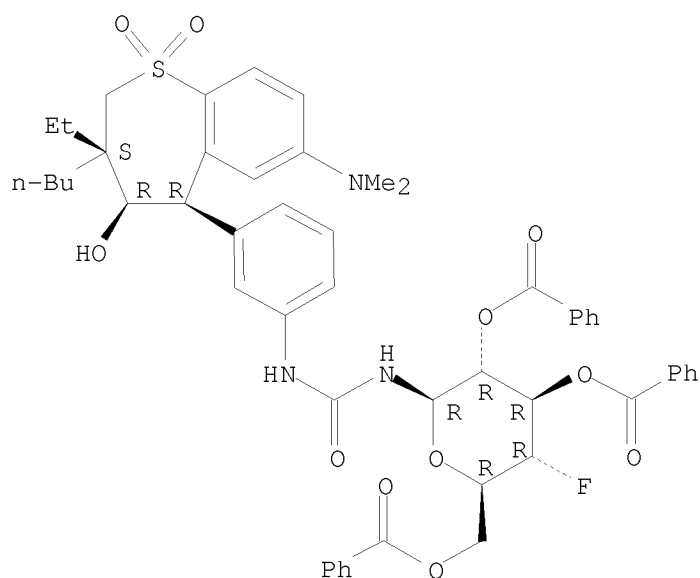
IT 1025009-31-7P 1025009-35-1P 1025009-36-2P
1025009-37-3P 1025009-39-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation of fluorinated aminoglycoside benzothiepin dioxides as ileal bile acid transporter (IBAT) inhibitors)

RN 1025009-31-7 CAPLUS

CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(2,3,6-tri-O-benzoyl-4-deoxy-4-fluoro- β -D-glucopyranosyl)- (CA INDEX NAME)

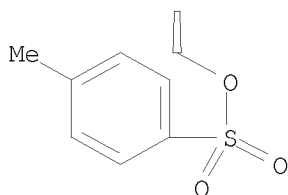
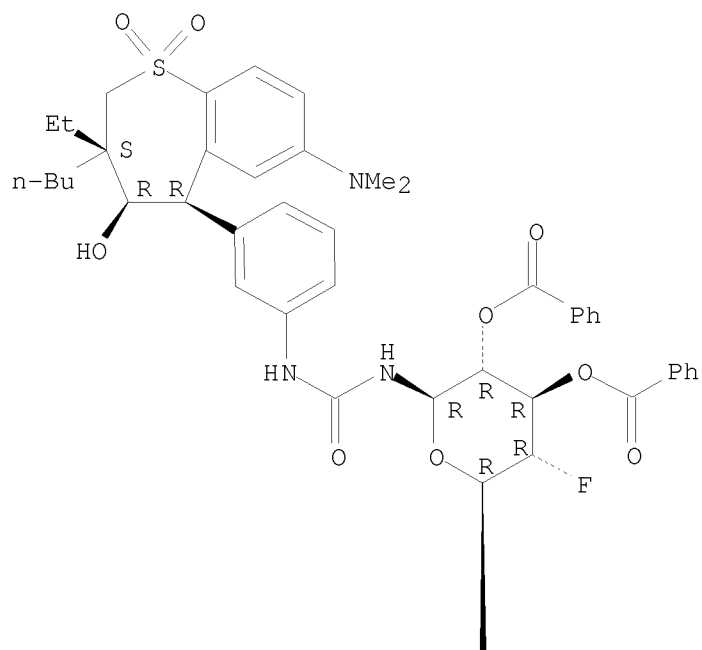
Absolute stereochemistry.



RN 1025009-35-1 CAPLUS

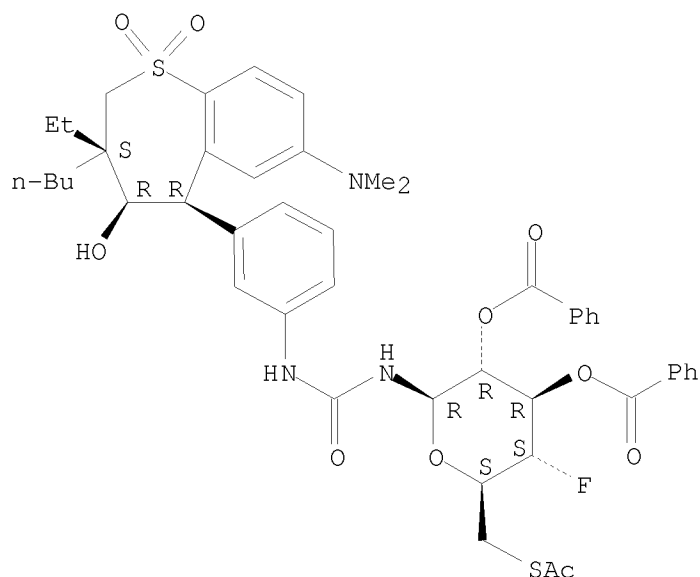
CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[2,3-di-O-benzoyl-4-deoxy-4-fluoro-6-O-[(4-methylphenyl)sulfonyl]- β -D-glucopyranosyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1025009-36-2 CAPLUS
 CN Urea, N-(6-S-acetyl-2,3-di-O-benzoyl-4-deoxy-4-fluoro- β -D-glucopyranosyl)-N'-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- (CA INDEX NAME)

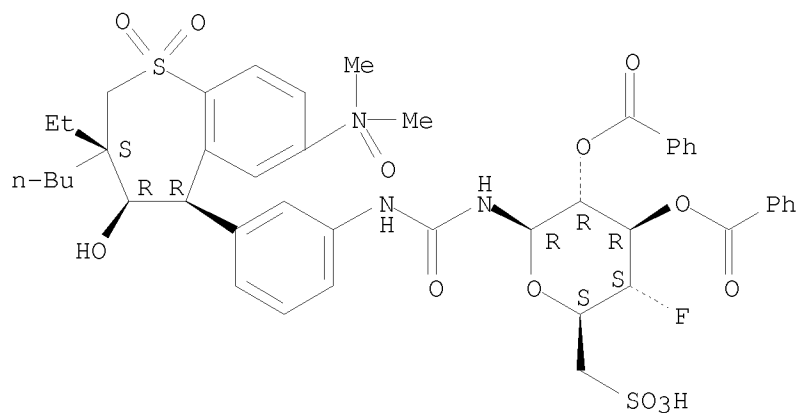
Absolute stereochemistry.



RN 1025009-37-3 CAPLUS

CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethyloxidoamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(2,3-di-O-benzoyl-4,6-dideoxy-4-fluoro-6-sulfo-β-D-glucopyranosyl)-, ammonium salt (1:1) (CA INDEX NAME)

Absolute stereochemistry.



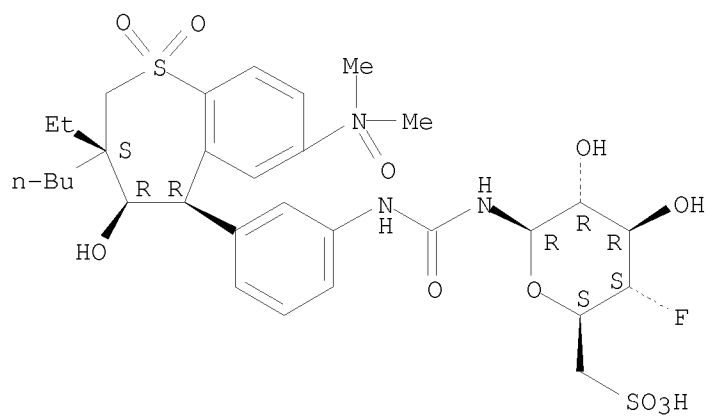
● NH₃

RN 1025009-39-5 CAPLUS

CN Urea, N-[3-[(3S,4R,5R)-3-butyl-7-(dimethyloxidoamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-(4,6-dideoxy-4-fluoro-6-sulfo-β-D-glucopyranosyl)-, ammonium salt (1:1) (CA INDEX NAME)

10/590,458

Absolute stereochemistry.



● NH₃

REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 6 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1207132 CAPLUS

DOCUMENT NUMBER: 144:16884

TITLE: SC-435, an ileal apical sodium-codependent bile acid transporter inhibitor alters mRNA levels and enzyme activities of selected genes involved in hepatic cholesterol and lipoprotein metabolism in guinea pigs

AUTHOR(S): West, Kristy Lynn; McGrane, Mary; Odom, Daniel; Keller, Bradley; Luz Fernandez, Maria

CORPORATE SOURCE: Department of Nutritional Sciences, University of Connecticut, Storrs, CT, 06269, USA

SOURCE: Journal of Nutritional Biochemistry (2005), 16(12), 722-728

CODEN: JNBIEL; ISSN: 0955-2863

PUBLISHER: Elsevier Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB We have demonstrated that SC-435, an apical sodium codependent bile acid transporter (ASBT) inhibitor, lowers plasma low-d. lipoprotein cholesterol (LDL-C) concns. in guinea pigs. The purpose of this study was to further examine the hypocholesterolemic effects of SC-435, by measuring the activity and RNA expression of regulatory enzymes of hepatic cholesterol and lipoprotein metabolism. In addition, the use of a combination (COMBO) therapy

with simvastatin, a 3-hydroxy-3-methylglutaryl-CoA (HMG-CoA) reductase inhibitor, was also tested. Male Hartley guinea pigs were randomly allocated to one of three diets (n=10 per group), for 12 wk. The control diet contained no ASBT inhibitor or simvastatin. The monotherapy diet (ASBTi) contained 0.1% of SC-435. The COMBO therapy consisted of a lower dose of SC-435 (0.03%) and 0.05% simvastatin. Cholesterol ester transfer protein (CETP) and HMG-CoA reductase mRNA abundance were determined using RT-PCR techniques. Hepatic HMG-CoA reductase and cholesterol 7 α -hydroxylase (CYP7) activities were measured by radioisotopic methods. Compared to the control group, CETP activity was 34% and 56% lower with ASBTi and COMBO, resp. Similarly, CETP mRNA expression was reduced by 36% and 73% in ASBTi and COMBO groups, resp. Cholesterol 7 α -hydroxylase and HMG-CoA reductase activities were increased .apprx.2-fold with ASBTi and COMBO treatments, resp. Likewise, HMG-CoA reductase mRNA expression was increased 33% with ASBTi treatment. These results suggest that both SC-435 monotherapy and combination therapy lower LDL cholesterol concns. by altering both hepatic cholesterol homeostasis and the intravascular processing of lipoproteins in guinea pigs.

IT 289037-67-8, SC-435

RL: DMA (Drug mechanism of action); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(SC-435, an ileal apical sodium-codependent bile acid transporter inhibitor alters mRNA levels and enzyme activities of selected genes involved in hepatic cholesterol and lipoprotein metabolism in guinea pigs)

RN 289037-67-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

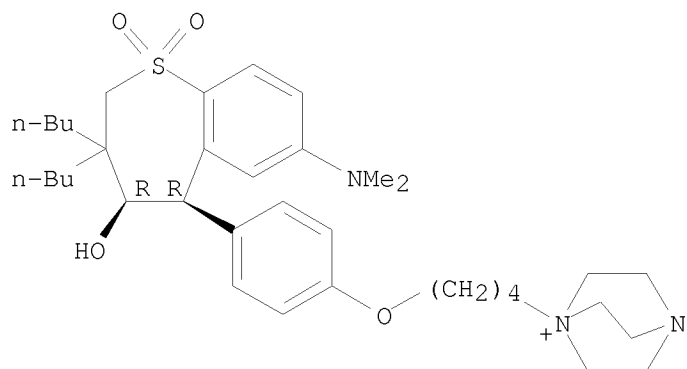
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CRN 289037-66-7

10/590,458

CMF C36 H56 N3 O4 S

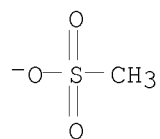
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



OS.CITING REF COUNT:	6	THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
REFERENCE COUNT:	34	THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 7 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:979630 CAPLUS
 DOCUMENT NUMBER: 143:286456
 TITLE: Preparation of benzothiazepine and benzothiepine
 compounds for prevention and treatment of hyperlipemia
 INVENTOR(S): Sasahara, Takehiko; Mohri, Mitsunobu; Kasahara,
 Kenichi
 PATENT ASSIGNEE(S): Asahi Kasei Pharma Corporation, Japan
 SOURCE: PCT Int. Appl., 551 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005082874	A1	20050909	WO 2005-JP3686	20050225
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005217318	A1	20050909	AU 2005-217318	20050225
CA 2557576	A1	20050909	CA 2005-2557576	20050225
EP 1719768	A1	20061108	EP 2005-710810	20050225
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1930137	A	20070314	CN 2005-80007914	20050225
US 20070190041	A1	20070816	US 2006-590458	20060824
PRIORITY APPLN. INFO.:			JP 2004-128992	A 20040227
			WO 2005-JP3686	W 20050225
OTHER SOURCE(S):		MARPAT 143:286456		
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Benzothiazepine or benzothiepine compds. represented by the following general formula (I) which have a thioamide bond and a quaternary ammonium substituent [R1a, R2a = C1-10 alkyl, C2-10 alkenyl, C2-10 alkynyl; ma = an integer of 0-4; Rx = halo, NO₂, NH₂, cyano, HO, CO₂H, CONH₂, SO₃H, C1-5 alkylated NH₂, each (un)substituted C1-10 alkyl, C2-10 alkenyl, or C2-10 alkynyl; a combination of (A1, A2, A3) = (CH₂, NH, CH), (CH₂, CH(OH), CH), (NH, CH(OH), CH), or (CH₂, CH₂, N); Y = NHC(S), NHC(S)NH, NHC(S)O; Za-(N+R5aR6aR7a)_n = C2-10 alkyl or alkenyl substituted by n number of (N+R5aR6aR7a) with ≥1 CH₂ of Za optionally being replaced with (un)substituted phenylene or O; n = 1,2; N+R5aR6aR7a is selected from (1) R5a, R6a, R7a = each (un)substituted C1-10 alkyl, C2-10 alkenyl, or C2-10

alkynyl with ≥ 1 CH₂ optionally being replaced with phenylene, thienylene, furylene, cyclohexylene, cyclopentylene, O, S, CO₂, NHCO, (un)substituted NH, or ammonium ion, (2) C₄-9 mono- or bicyclic ring containing ammonium N atom with at least one of the ring C atoms being replaced with O, N, or S, and (3) (un)substituted pyridinium, quinolinium, or isoquinolinium; X⁻ = a counter ion] are prepared These compds. are useful as remedies and preventives for hyperlipemia, arteriosclerosis, syndrome X, and other coronary artery diseases and as cholesterol-lowering agents. They are also useful as remedies and preventives for liver disorders accompanying bile stasis, in particular, primary biliary cirrhosis, and primary sclerotic cholangitis, and obesity, fatty liver, and fatty hepatitis. Thus, 95 mg 1-(4-isocyanatobenzyl)-1-azoniabicyclo[2.2.2]octane bromide (preparation given) was added to a solution

of

116 mg 5-(3-aminophenyl)-3,3-dibutyl-7-dimethylamino-4-hydroxy-2,3,4,5-tetrahydro-1-benzothiepin-1,1-dioxide in 3 mL CHCl₃ and stirred at 50° for 2 h to give 190 mg -2,3,4,5-tetrahydro-1-benzothiepin-1,1-dioxide derivative (II). II at 0.3 mg/kg twice a day for 5 days lowered a total blood level of LDL and VLDL by 49% in rats on 5 day diet of a feed containing 0.5% cholesterol and 0.5% bile acid.

IT 864348-68-5P 864348-69-6P 864348-70-9P

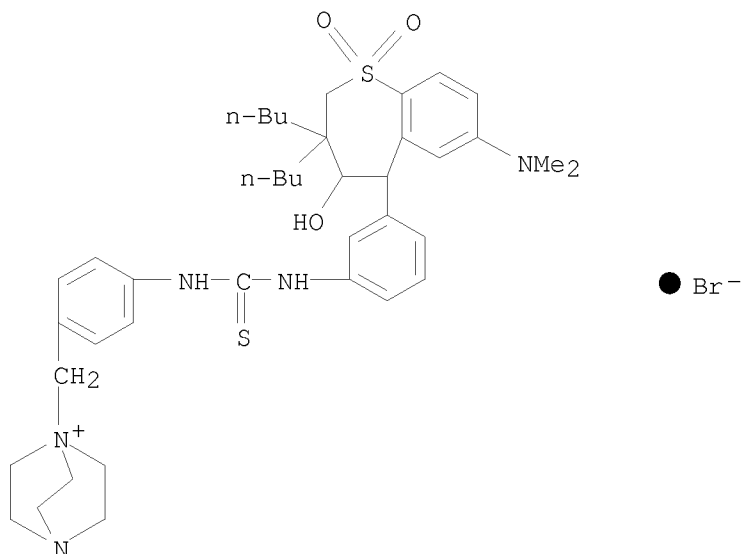
864348-71-0P 864348-72-1P 864348-73-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of benzothiazepine and benzothiepine compds. for prevention and treatment of hyperlipemia and lowering cholesterol)

RN 864348-68-5 CAPLUS

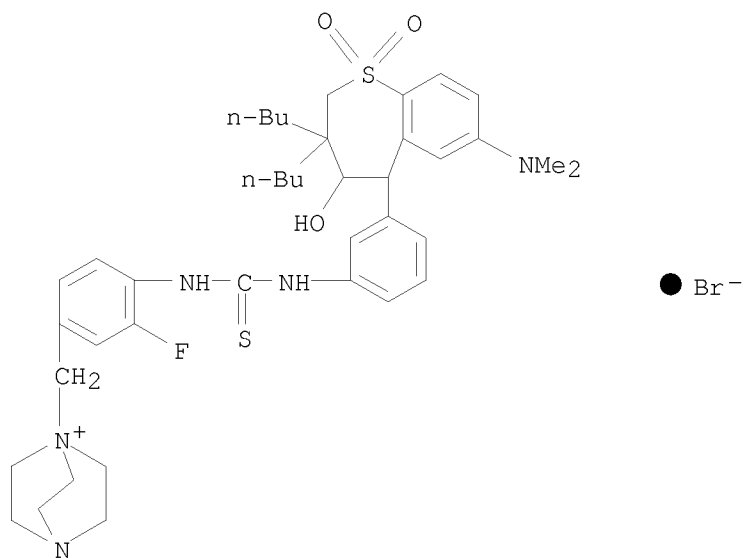
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]thioxomethyl]amino]phenyl]methyl]-, bromide (1:1) (CA INDEX NAME)



10/590,458

RN 864348-69-6 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-
1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]thioxomethyl]amino]-3-
fluorophenyl]methyl]-, bromide (1:1) (CA INDEX NAME)

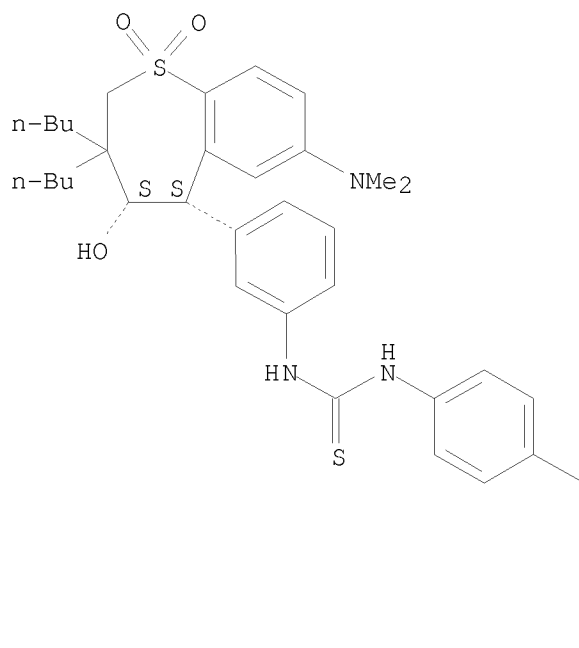


RN 864348-70-9 CAPLUS

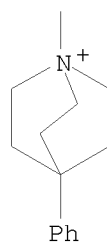
CN 1-Azoniabicyclo[2.2.2]octane, 1-[[4-[[[3-[(4R,5R)-3,3-dibutyl-7-(
dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenyl]amino]thioxomethyl]amino]phenyl]methyl]-4-phenyl-, bromide
(1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



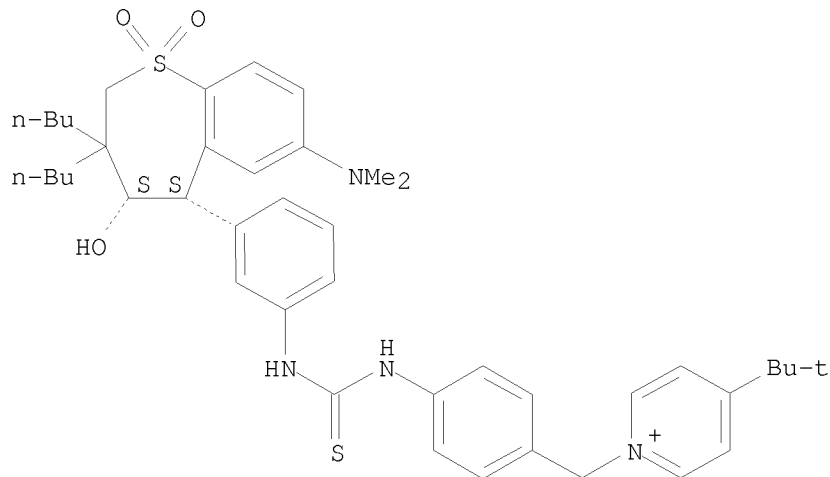
PAGE 2-A



RN 864348-71-0 CAPLUS

CN Pyridinium, 1-[[4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]thioxomethyl]amino]phenyl]methyl]-4-(1,1-dimethylethyl)-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

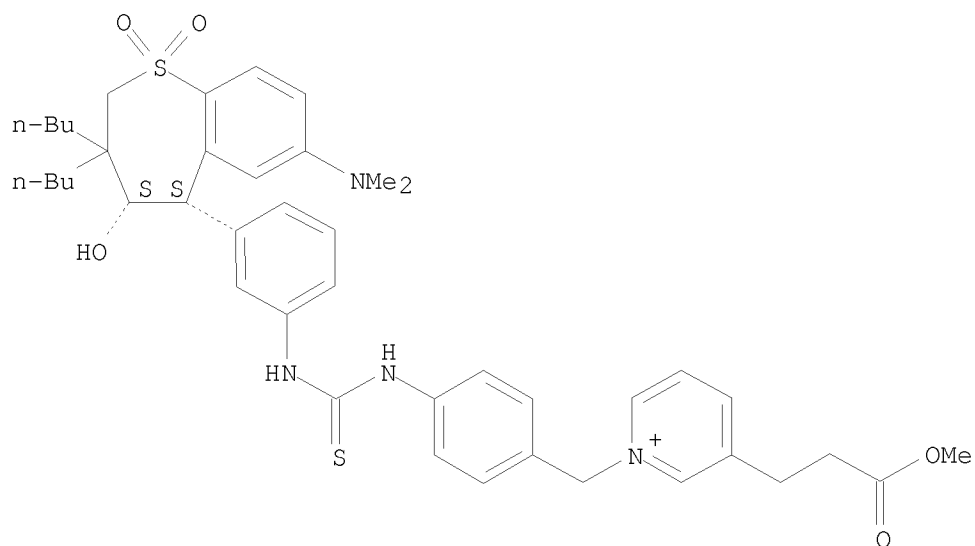


RN 864348-72-1 CAPLUS

CN Pyridinium, 1-[[4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]thioxomethyl]amino]phenyl]methyl]-3-(3-methoxy-3-oxopropyl)-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



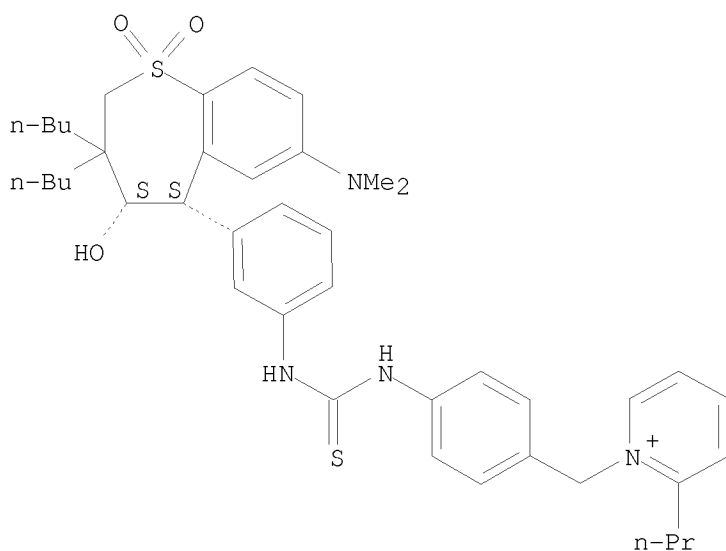
PAGE 2-A



RN 864348-73-2 CAPLUS
 CN Pyridinium, 1-[[4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]thioxomethyl]amino]phenyl]methyl]-2-propyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

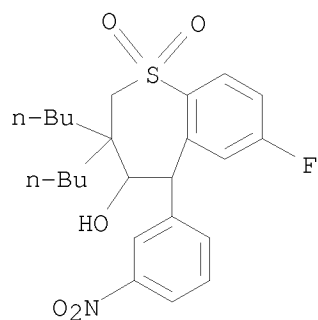


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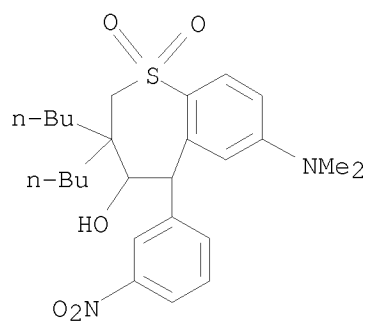
IT 864350-13-0P 864350-14-1P 864350-15-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of benzothiazepine and benzothiepine compds. for prevention and treatment of hyperlipemia and lowering cholesterol)
 RN 864350-13-0 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide (CA INDEX NAME)

10/590,458



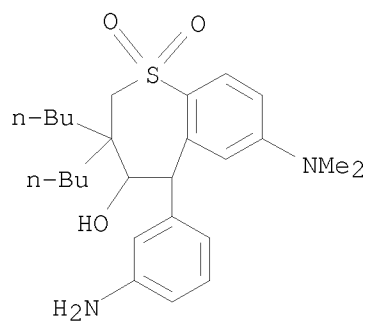
RN 864350-14-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide (CA INDEX NAME)



RN 864350-15-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide (CA INDEX NAME)



REFERENCE COUNT:

14

THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 8 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:704248 CAPLUS

DOCUMENT NUMBER: 143:347042

TITLE: Discovery of Potent, Nonsystemic Apical
Sodium-Codependent Bile Acid Transporter Inhibitors
(Part 2)AUTHOR(S): Huang, Horng-Chih; Tremont, Samuel J.; Lee, Len F.;
Keller, Bradley T.; Carpenter, Andrew J.; Wang,
Ching-Cheng; Banerjee, Shyamal C.; Both, Scott R.;
Fletcher, Theresa; Garland, Danny J.; Huang, Wei;
Jones, Claude; Koeller, Kevin J.; Kolodziej, Steve A.;
Li, James; Manning, Robert E.; Mahoney, Matthew W.;
Miller, Raymond E.; Mischke, Deborah A.; Rath, Nigam
P.; Reinhard, Emily J.; Tollefson, Michael B.;
Vernier, William F.; Wagner, Grace M.; Rapp, Steve R.;
Beaudry, Judy; Glenn, Kevin; Regina, Karen; Schuh, Joe
R.; Smith, Mark E.; Trivedi, Jay S.; Reitz, David B.CORPORATE SOURCE: Discovery Chemistry and Department of Cardiovascular
Disease, Pharmacia, Chesterfield, MO, 63017, USASOURCE: Journal of Medicinal Chemistry (2005), 48(18),
5853-5868

CODEN: JMCMAR; ISSN: 0022-2623

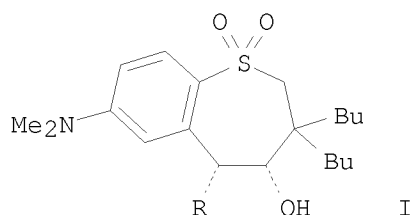
PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 143:347042

GI



AB Since the primary site for active bile acid reabsorption is via apical sodium-codependent bile acid transporter (ASBT), which is localized on the luminal surface of the distal ileum, a nonsystemic inhibitor would be desirable to minimize or eliminate potential systemic side effects of an absorbed drug. To ensure bioequivalency and product stability, it was also essential that a nonhygroscopic inhibitor in its most stable crystalline form was identified. A series of benzothiepins I [R = Ph, 4-HOC₆H₄, 4-(Me₂NCH₂CH₂)C₆H₄, 1-naphthyl, 2-thienyl, 3-pyridyl, etc.] was prepared to refine the structure-activity relationship of the substituted Ph ring at the 5-position of benzothiepin ring and to identify potent, crystalline, nonhygroscopic, and efficacious ASBT inhibitors with low systemic exposure.

IT 228113-66-4P 289037-59-8P 289037-60-1P
289037-64-5P 289037-67-8P 289037-77-0P
289037-87-2P 289037-90-7P 289037-93-0P

RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP

10/590,458

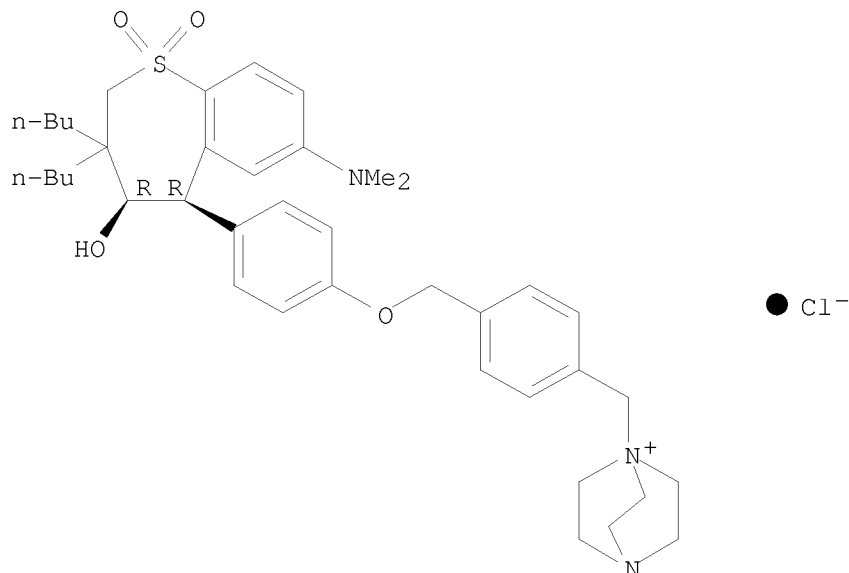
(Preparation)

(hygroscopicity; preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical sodium-codependent bile acid transporter inhibitors)

RN 228113-66-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy)methyl]phenyl)methyl]-,
chloride (1:1) (CA INDEX NAME)

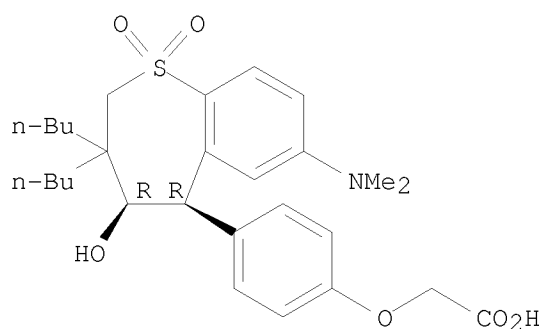
Absolute stereochemistry.



RN 289037-59-8 CAPLUS

CN	Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)
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Absolute stereochemistry.



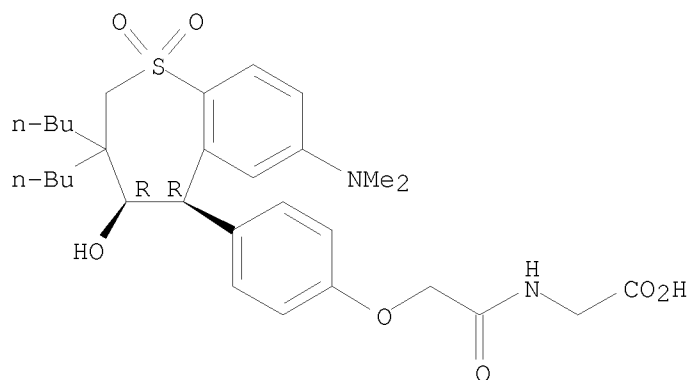
RN 289037-60-1 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]- (9CI) (CA INDEX

10/590,458

NAME)

Absolute stereochemistry.

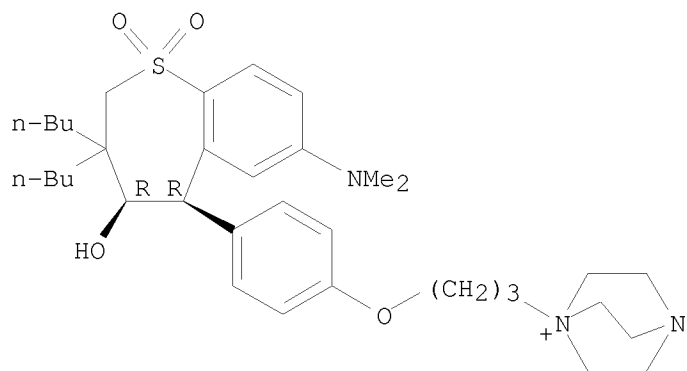


RN 289037-64-5 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, methanesulfonate
(1:1) (CA INDEX NAME)

CM 1

CRN 289037-63-4
CMF C35 H54 N3 O4 S

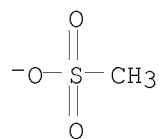
Absolute stereochemistry.



CM 2

CRN 16053-58-0
CMF C H3 O3 S

10/590,458

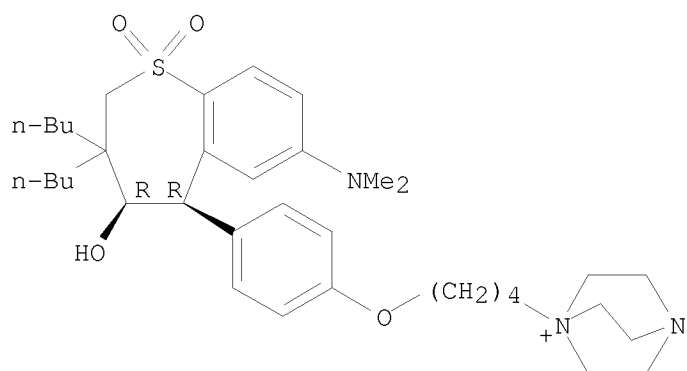


RN 289037-67-8 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate
(1:1) (CA INDEX NAME)

CM 1

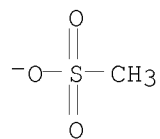
CRN 289037-66-7
CMF C36 H56 N3 O4 S

Absolute stereochemistry.



CM 2

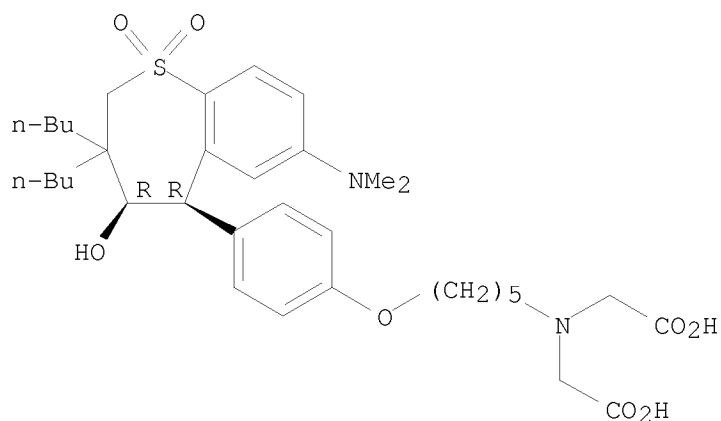
CRN 16053-58-0
CMF C H3 O3 S



RN 289037-77-0 CAPLUS
CN Glycine, N-(carboxymethyl)-N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

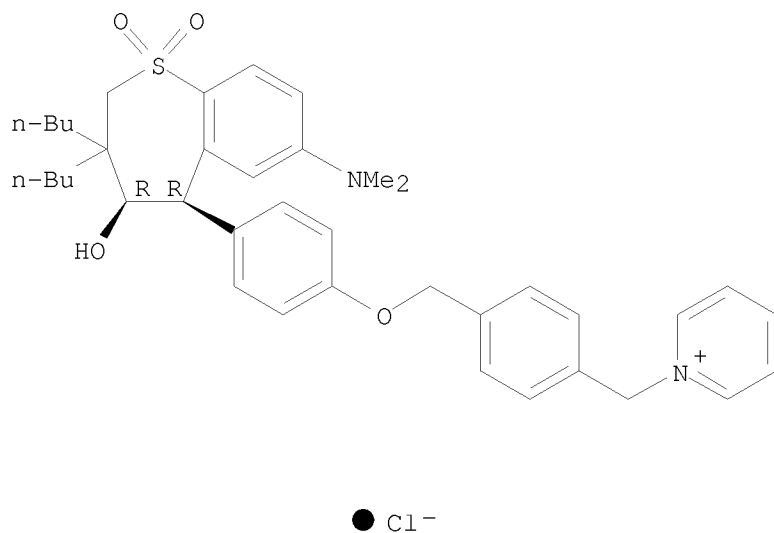
10/590,458



RN 289037-87-2 CAPLUS

CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



RN 289037-90-7 CAPLUS

CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

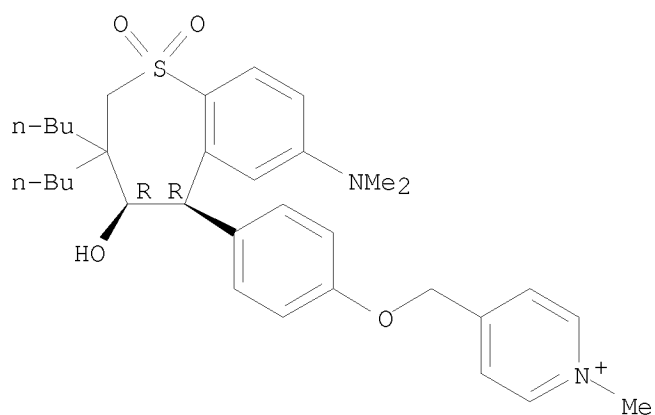
CM 1

CRN 289037-89-4

CMF C33 H45 N2 O4 S

Absolute stereochemistry.

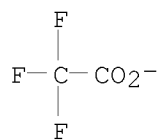
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2

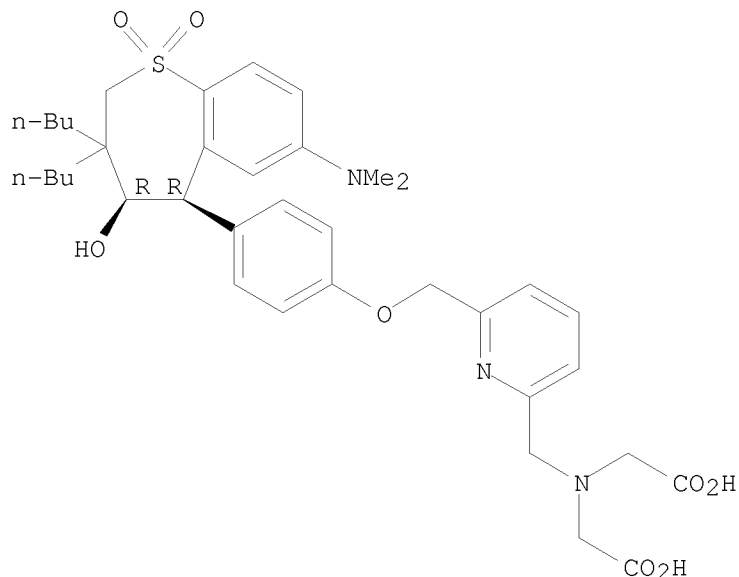


RN 289037-93-0 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

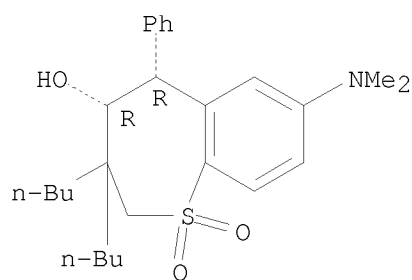


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IT      197373-26-5      865594-57-6
      RL: PAC (Pharmacological activity); BIOL (Biological study)
      (preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical
      sodium-codependent bile acid transporter inhibitors)
RN      197373-26-5      CAPLUS
CN      1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-
      phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

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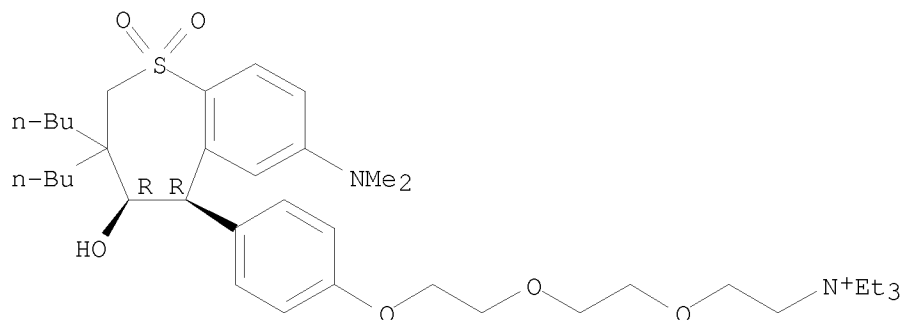
Relative stereochemistry.



RN	865594-57-6	CAPLUS
CN	Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl- (CA INDEX NAME)	

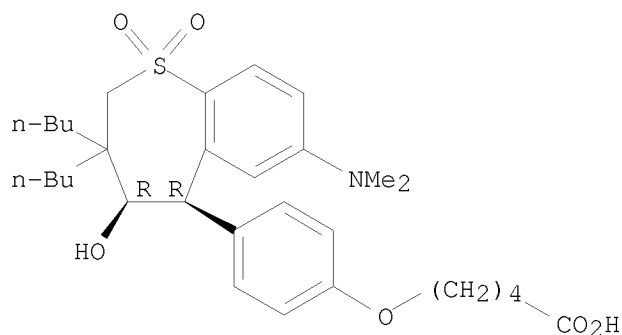
Absolute stereochemistry.

10/590,458



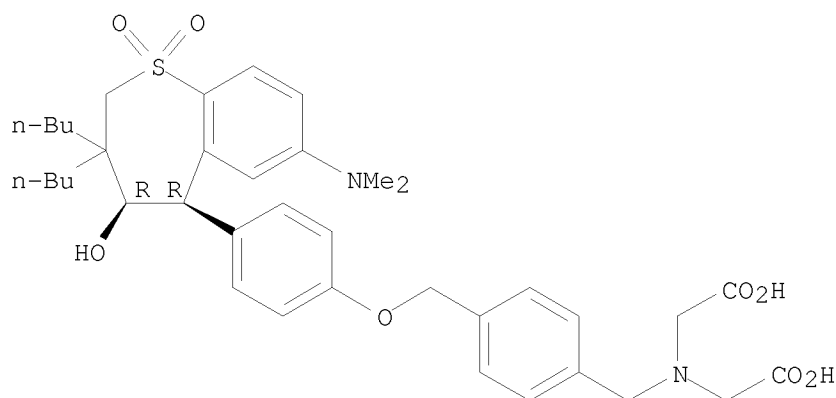
IT 289037-61-2P 289037-88-3P
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical sodium-codependent bile acid transporter inhibitors)
RN 289037-61-2 CAPLUS
CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.



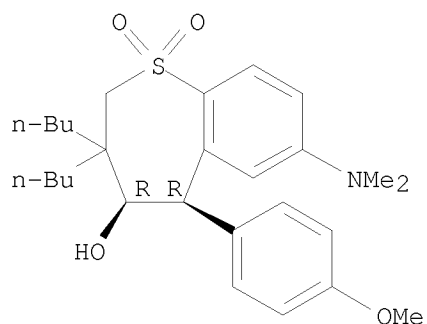
RN 289037-88-3 CAPLUS
CN Glycine, N-(carboxymethyl)-N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 228113-64-2
 RL: PAC (Pharmacological activity); RCT (Reactant); BIOL (Biological study); RACT (Reactant or reagent)
 (preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical sodium-codependent bile acid transporter inhibitors)
 RN 228113-64-2 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

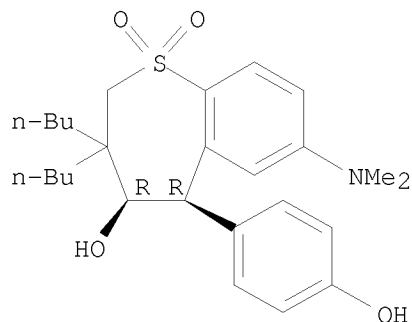
Absolute stereochemistry.



IT 228113-65-3P 289038-80-8P 865593-98-2P
 865593-99-3P 865594-02-1P 865594-03-2P
 865594-07-6P 865594-11-2P 865594-17-8P
 865594-23-6P 865594-31-6P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical sodium-codependent bile acid transporter inhibitors)
 RN 228113-65-3 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

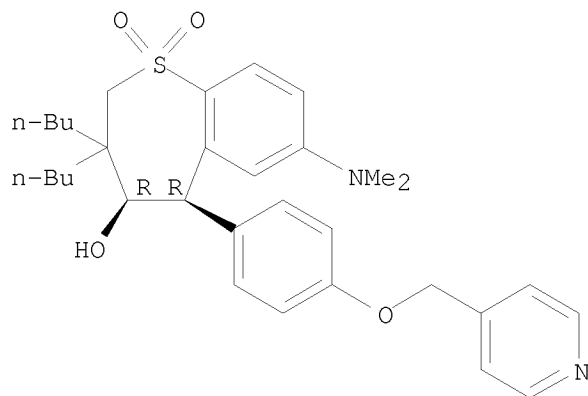
10/590,458



RN 289038-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(4-pyridinylmethoxy)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

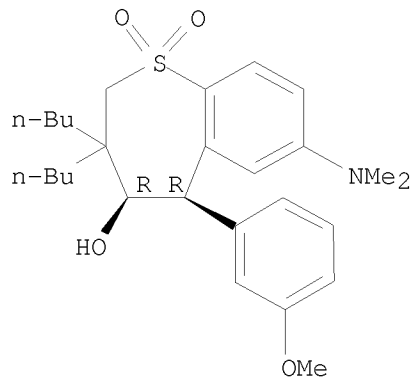
Absolute stereochemistry.



RN 865593-98-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

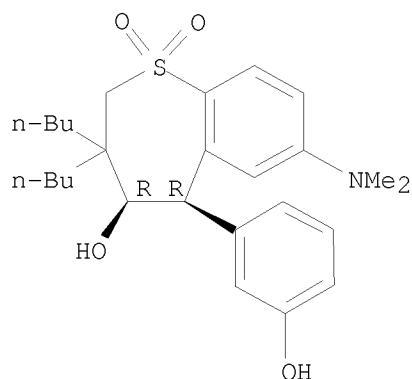


10/590,458

RN 865593-99-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

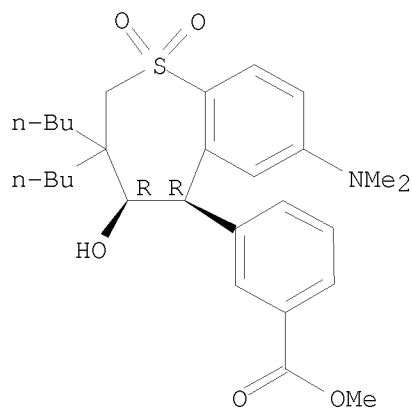
Absolute stereochemistry. Rotation (+).



RN 865594-02-1 CAPLUS

CN Benzoic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

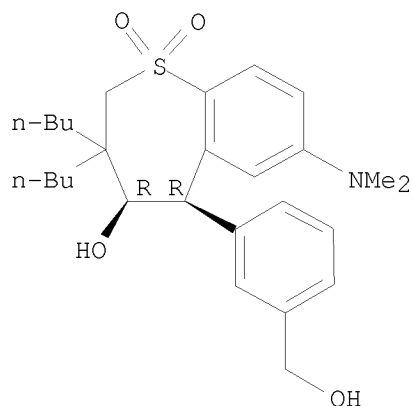


RN 865594-03-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

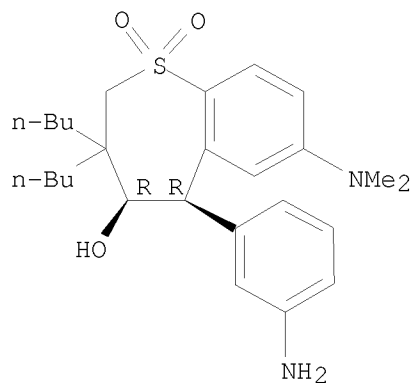
10/590,458



RN 865594-07-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

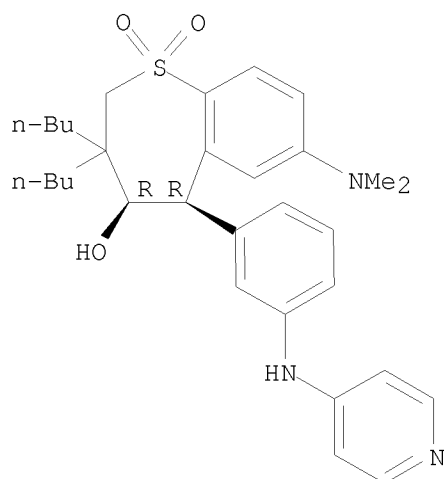


RN 865594-11-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(4-pyridinylamino)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

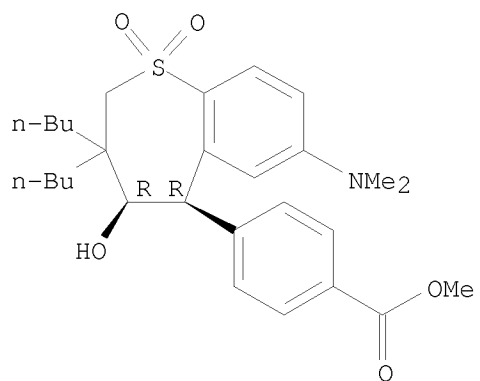
10/590,458



RN 865594-17-8 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester (CA INDEX NAME)

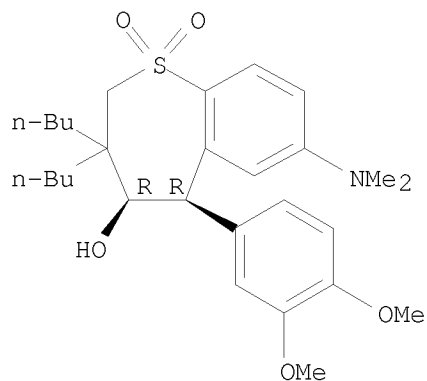
Absolute stereochemistry. Rotation (+).



RN 865594-23-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-dimethoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

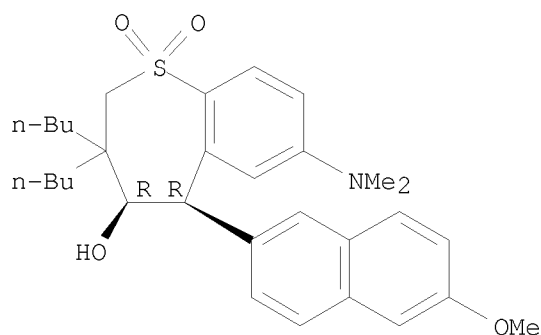
Absolute stereochemistry. Rotation (+).



RN 865594-31-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-methoxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



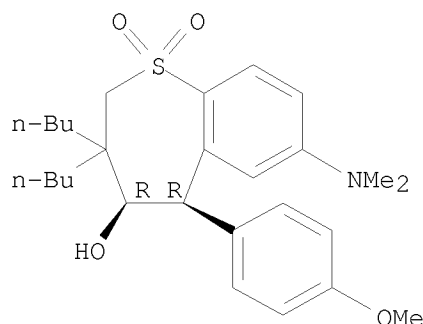
IT	197373-42-5P	197373-43-6P	197373-48-1P
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	197373-64-1P	197374-40-6P	197374-92-8P
	197374-96-2P	197375-70-5P	197376-07-1P
	197376-11-7P	197376-19-5P	197376-22-0P
	197376-34-4P	197376-46-8P	197376-58-2P
	197376-67-3P	197377-03-0P	197377-38-1P
	197377-47-2P	197377-51-8P	289037-76-9P
	865593-97-1P	865594-00-9P	865594-05-4P
	865594-06-5P	865594-09-8P	865594-12-3P
	865594-14-5P	865594-15-6P	865594-16-7P
	865594-18-9P	865594-19-0P	865594-20-3P
	865594-22-5P	865594-24-7P	865594-25-8P
	865594-26-9P	865594-27-0P	865594-28-1P
	865594-29-2P	865594-30-5P	865594-32-7P
	865594-39-4P	865594-40-7P	865594-41-8P
	865594-42-9P	865594-43-0P	865594-44-1P
	865594-47-4P	865594-48-5P	865594-49-6P
	865594-50-9P	865594-52-1P	865594-53-2P
	865594-54-3P	865594-55-4P	865594-58-7P
	865594-59-8P	865594-60-1P	865594-61-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)
(preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical
sodium-codependent bile acid transporter inhibitors)

RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

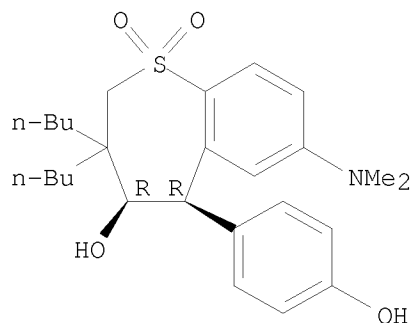
Relative stereochemistry.



RN 197373-43-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

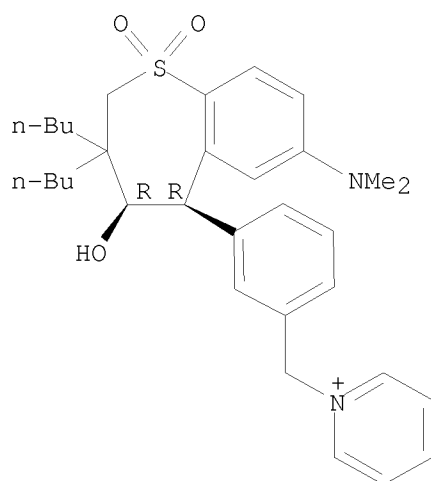


RN 197373-48-1 CAPLUS

CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

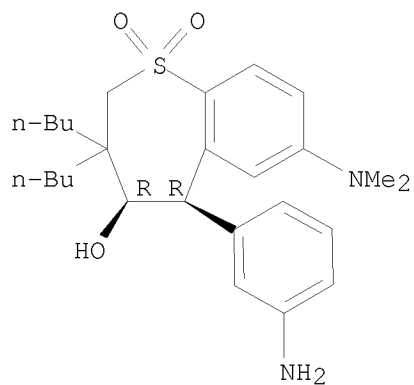
10/590,458



RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

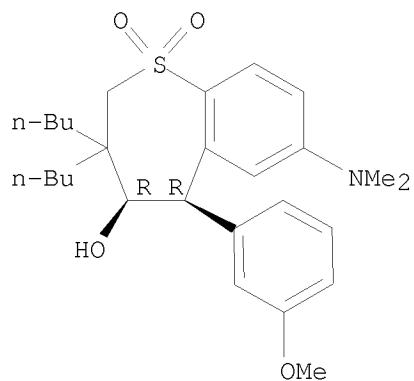


RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-
methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

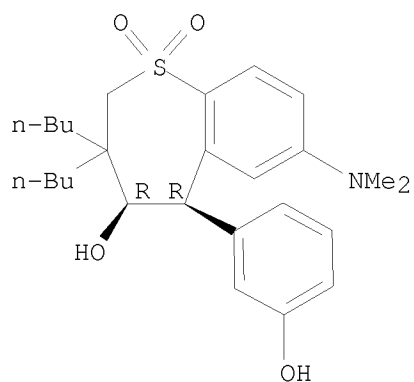
10/590,458



RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

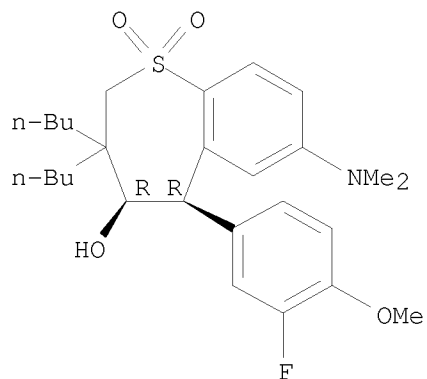


RN 197373-64-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

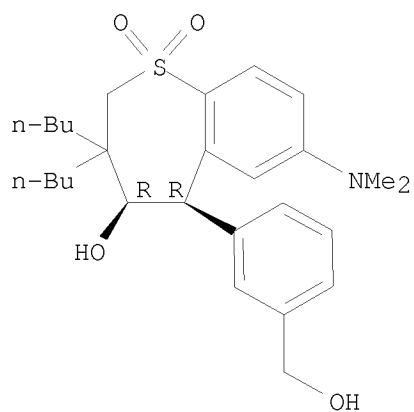
10/590,458



RN 197374-40-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

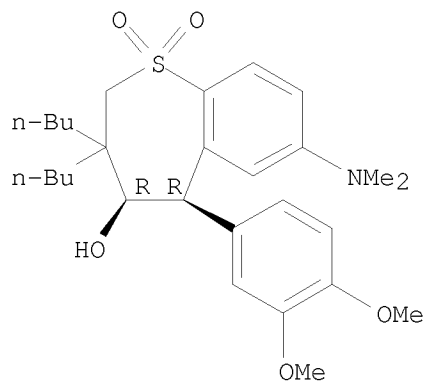


RN 197374-92-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-dimethoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

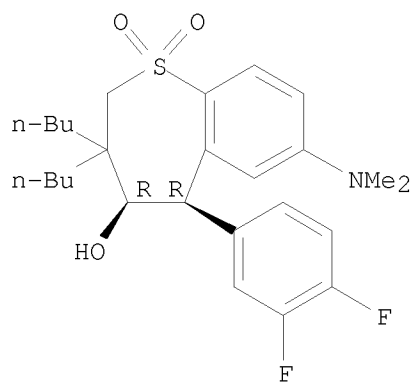
10/590,458



RN 197374-96-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-difluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

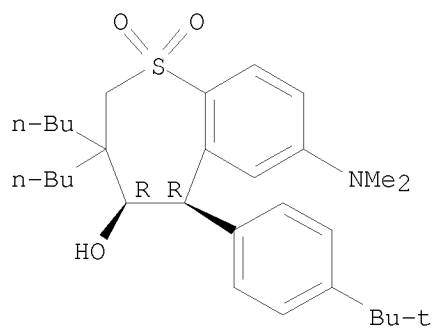
Relative stereochemistry.



RN 197375-70-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-(1,1-dimethylethyl)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

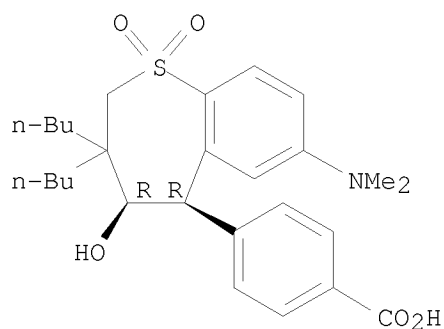


10/590,458

RN 197376-07-1 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

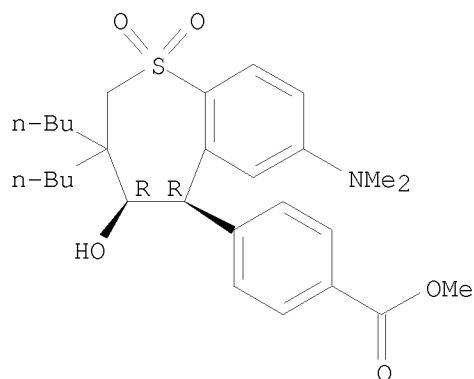
Relative stereochemistry.



RN 197376-11-7 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

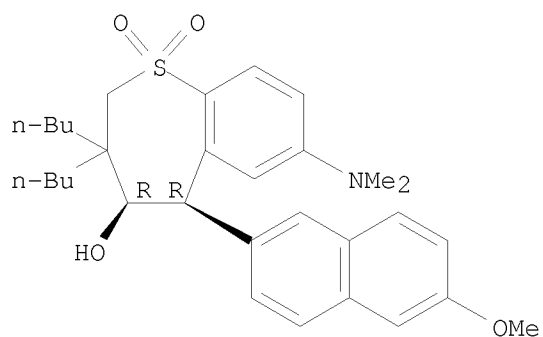


RN 197376-19-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-methoxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

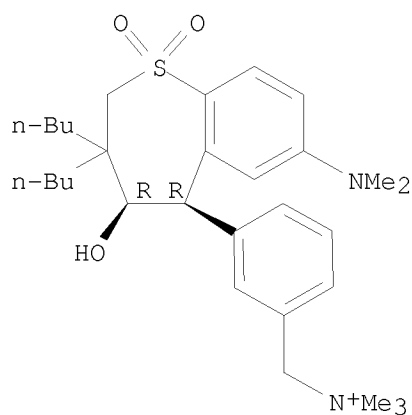
10/590,458



RN 197376-22-0 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



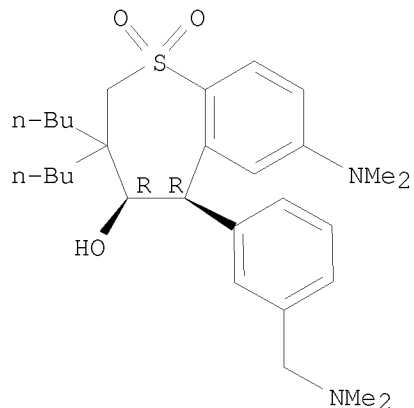
● Br⁻

RN 197376-34-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

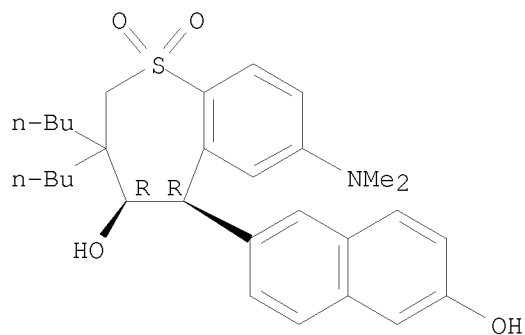
10/590,458



RN 197376-46-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-hydroxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

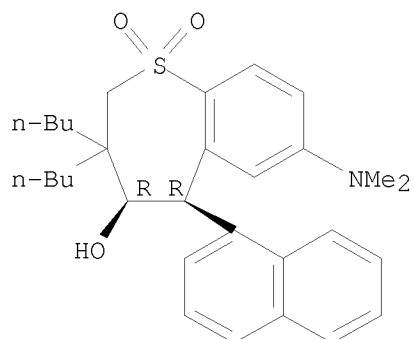
Relative stereochemistry.



RN 197376-58-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(1-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

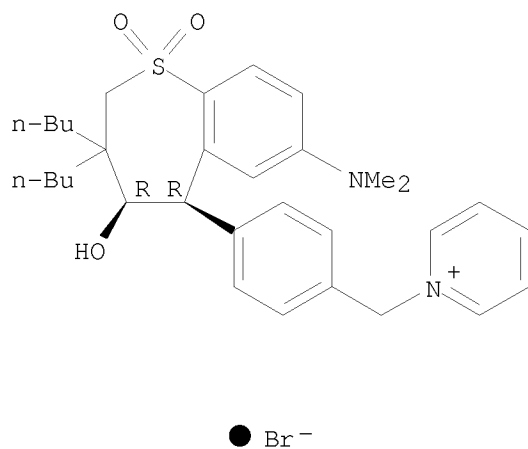


10/590,458

RN 197376-67-3 CAPLUS

CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

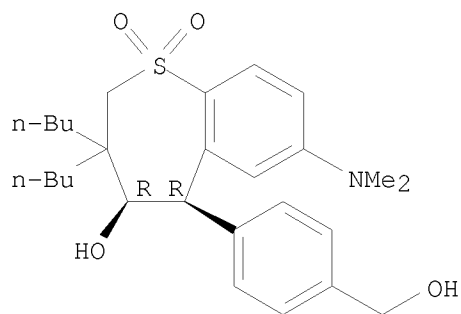
Relative stereochemistry.



RN 197377-03-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

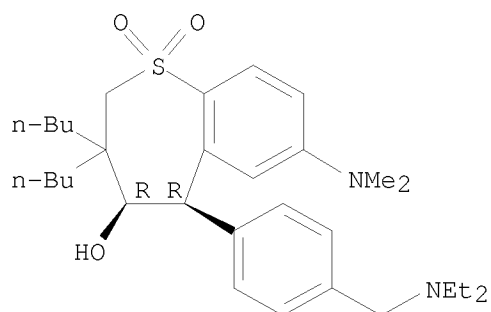


RN 197377-38-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(diethylamino)methyl]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

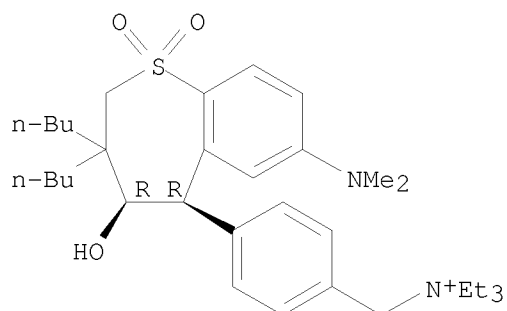
10/590,458



RN 197377-47-2 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

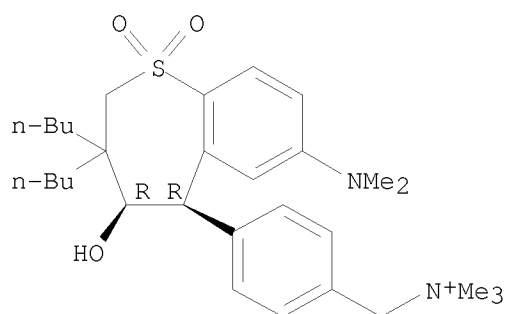


RN 197377-51-8 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

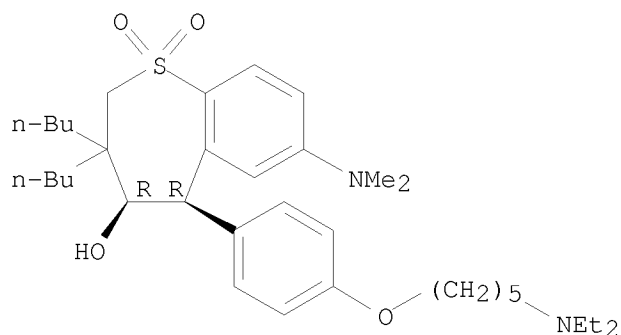
Relative stereochemistry.

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RN 289037-76-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[5-(diethylamino)pentyl]oxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

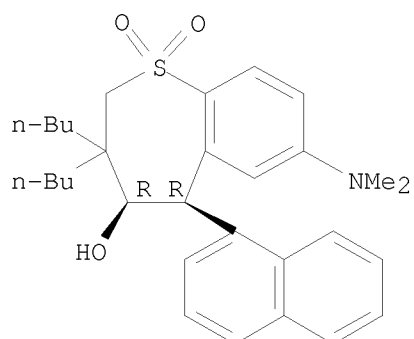
Absolute stereochemistry.



RN 865593-97-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(1-naphthalenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

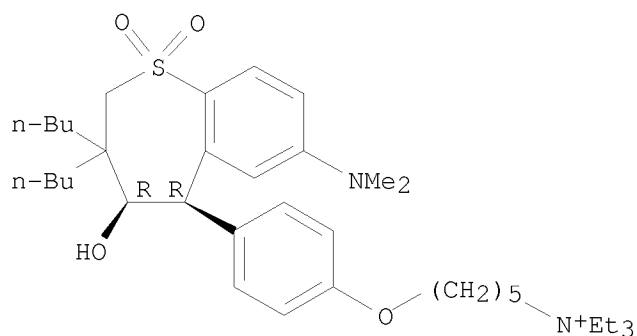
Absolute stereochemistry. Rotation (+).

10/590,458



RN 865594-00-9 CAPLUS
CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, bromide (1:1) (CA INDEX NAME)

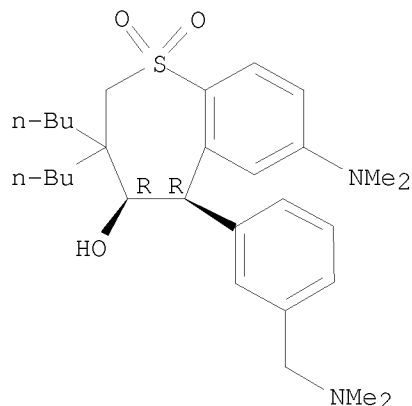
Absolute stereochemistry. Rotation (+).



RN 865594-05-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

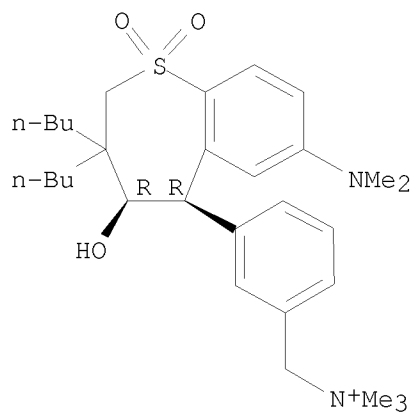
10/590,458



RN 865594-06-5 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, bromide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

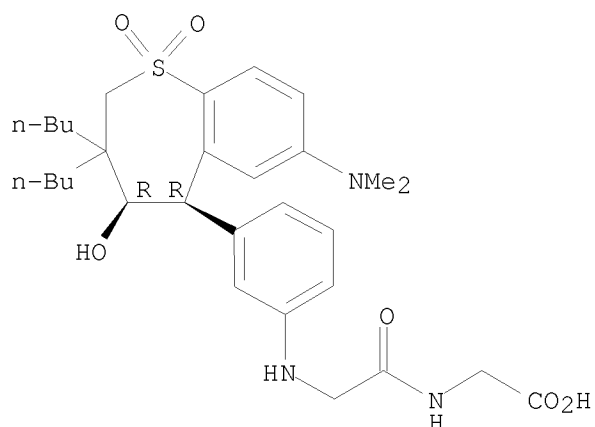


RN 865594-09-8 CAPLUS

CN Glycine, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]glycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

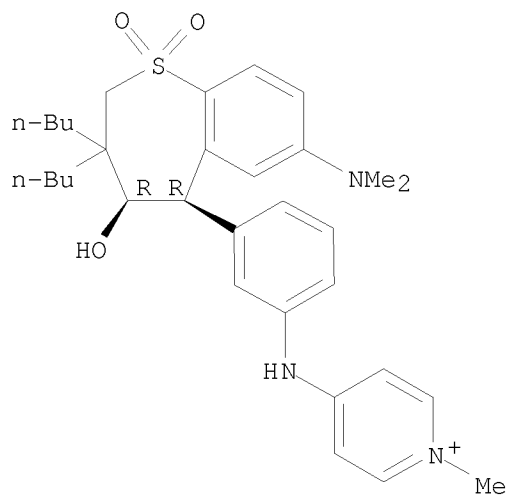
10/590,458



RN 865594-12-3 CAPLUS

CN Pyridinium, 4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-methyl-, iodide (1:1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



● I⁻

RN 865594-14-5 CAPLUS

CN 1-Pentanaminium, 5-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

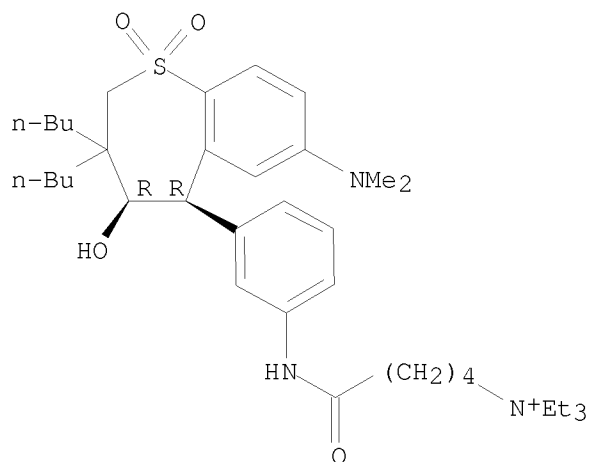
CM 1

CRN 865594-13-4

10/590,458

CMF C37 H60 N3 O4 S

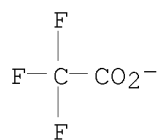
Absolute stereochemistry. Rotation (+).



CM 2

CRN 14477-72-6

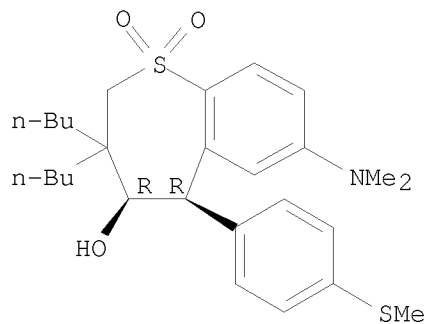
CMF C2 F3 O2



RN 865594-15-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(methylthio)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



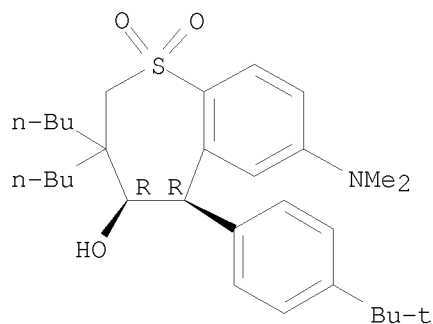
RN 865594-16-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-(1,1-

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dimethylethyl)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

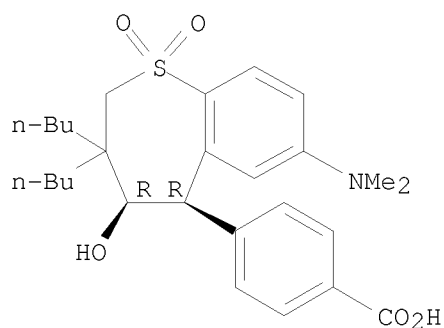
Absolute stereochemistry. Rotation (+).



RN 865594-18-9 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]- (CA INDEX NAME)

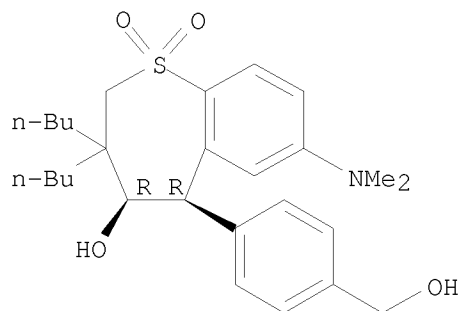
Absolute stereochemistry. Rotation (+).



RN 865594-19-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

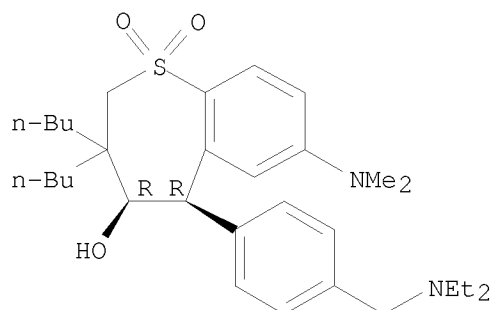


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RN 865594-20-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(diethylamino)methyl]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

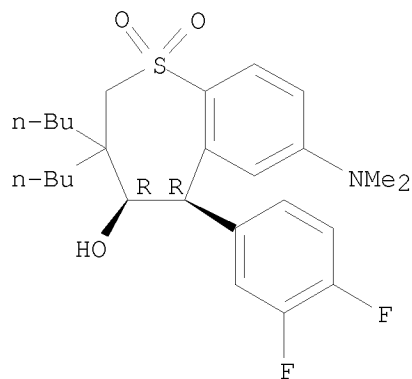
Absolute stereochemistry. Rotation (+).



RN 865594-22-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-difluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

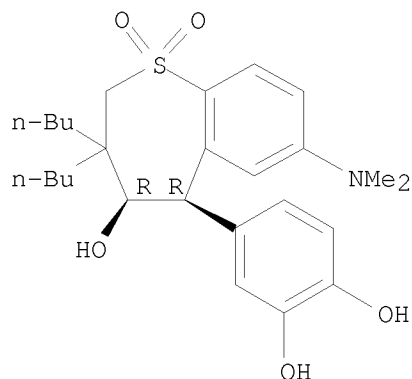


RN 865594-24-7 CAPLUS

CN 1,2-Benzenediol, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

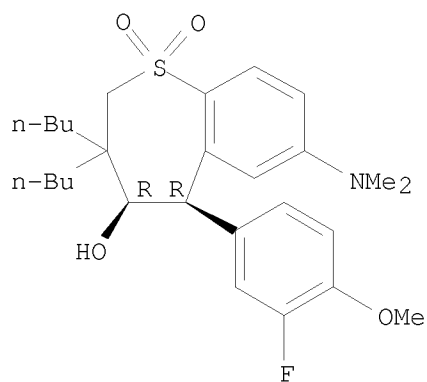
10/590,458



RN 865594-25-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

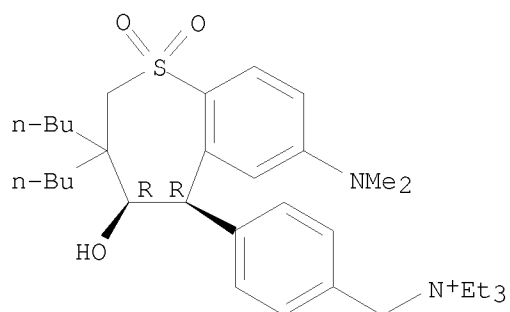


RN 865594-26-9 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1) (CA INDEX NAME)

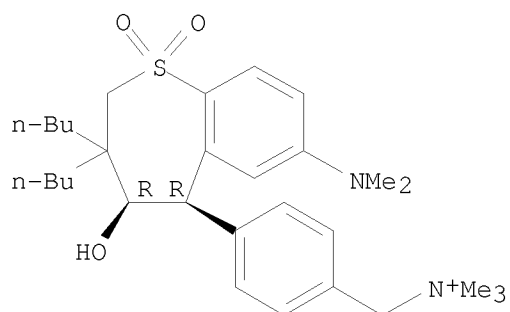
Absolute stereochemistry. Rotation (+).

10/590,458



RN 865594-27-0 CAPLUS
CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1) (CA INDEX NAME)

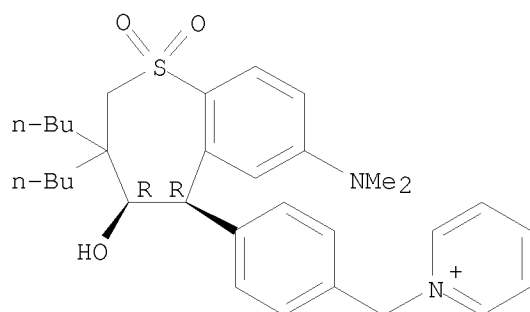
Absolute stereochemistry. Rotation (+).



RN 865594-28-1 CAPLUS
CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

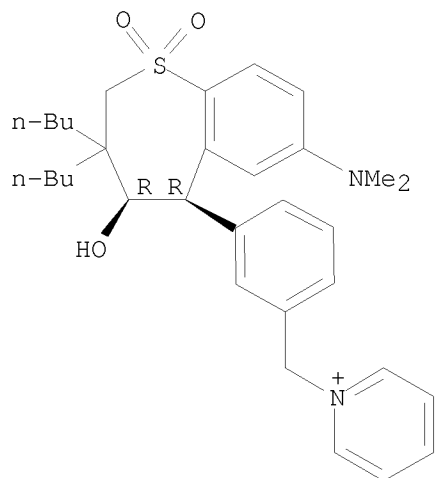
10/590,458



RN 865594-29-2 CAPLUS

CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

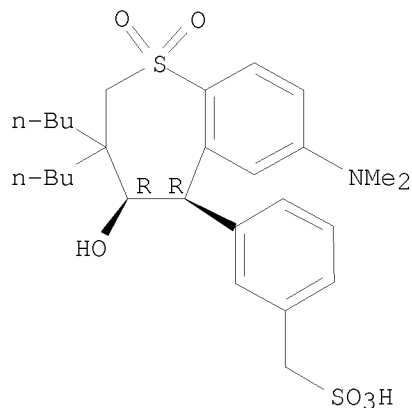


RN 865594-30-5 CAPLUS

CN Benzenemethanesulfonic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

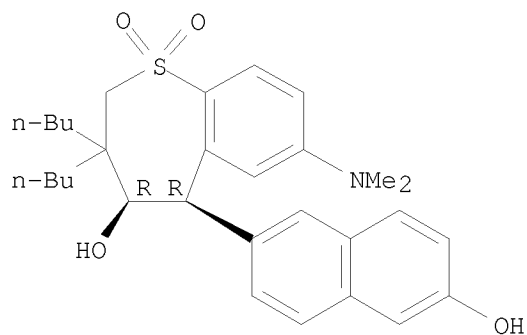
10/590,458



RN 865594-32-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-hydroxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

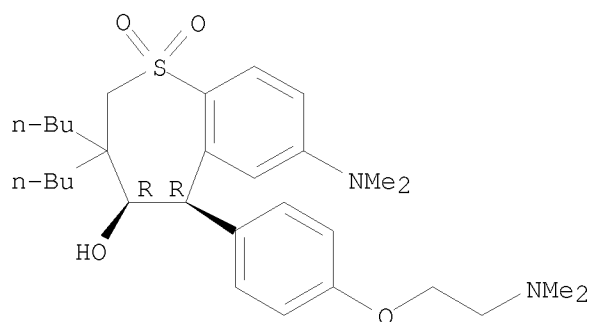
Absolute stereochemistry. Rotation (+).



RN 865594-39-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-(2-(dimethylamino)ethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

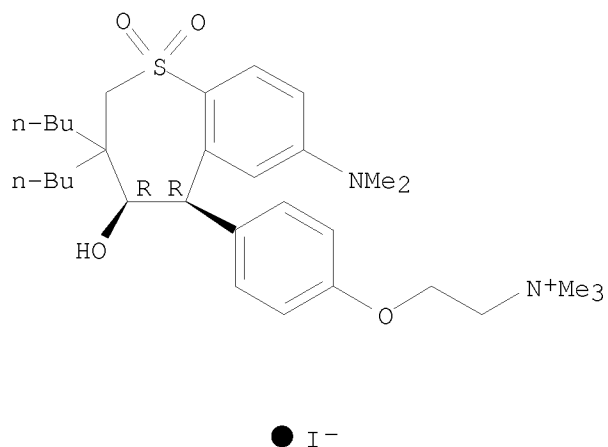
Absolute stereochemistry.



10/590,458

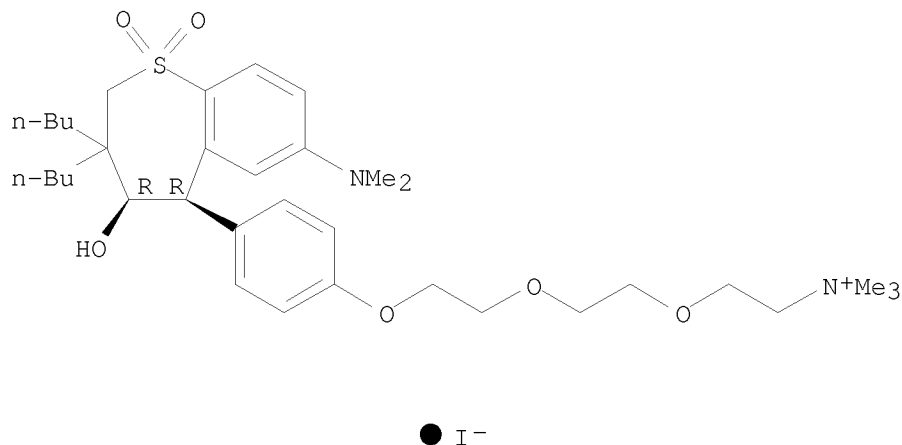
RN 865594-40-7 CAPLUS
CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1) (CA INDEX NAME)

Absolute stereochemistry.



RN 865594-41-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1) (CA INDEX NAME)

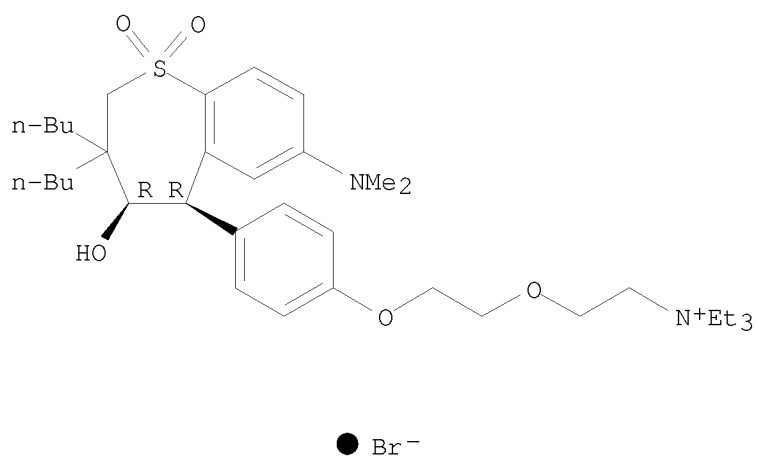
Absolute stereochemistry.



RN 865594-42-9 CAPLUS
CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]-N,N,N-triethyl-, bromide (1:1) (CA INDEX NAME)

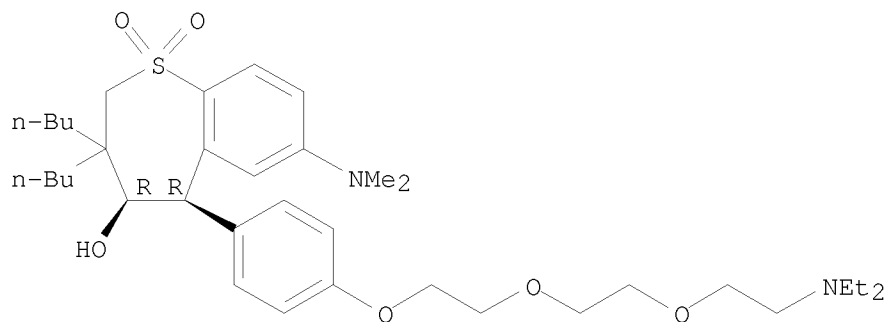
Absolute stereochemistry.

10/590,458



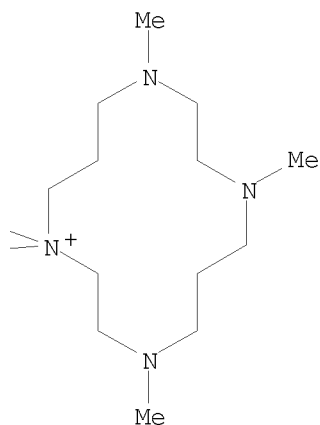
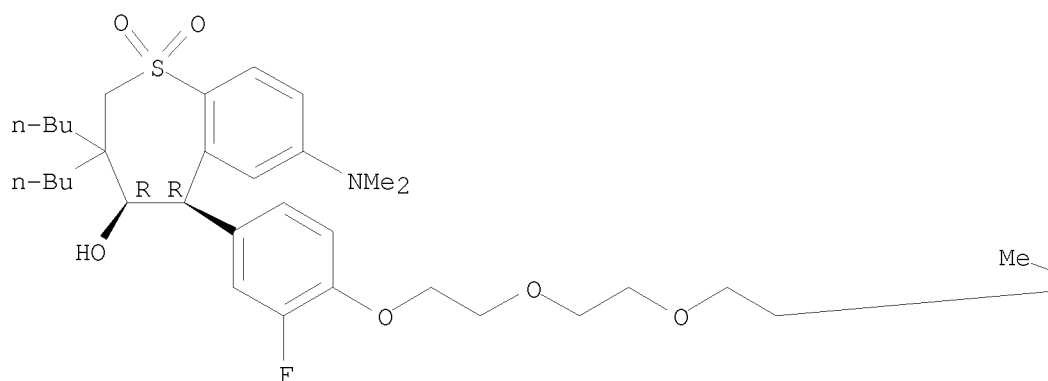
RN 865594-43-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[2-(diethylamino)ethoxy]ethoxy]ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 865594-44-1 CAPLUS
CN 4,8,11-Triaza-1-azoniacyclotetradecane, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4,8,11-tetramethyl-, iodide (9CI) (CA INDEX NAME)

Absolute stereochemistry.



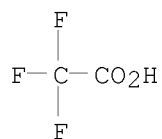
RN 865594-47-4 CAPLUS
 CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-ethyl-, salt with trifluoroacetic acid, trifluoroacetate (3:3:4) (9CI)
 (CA INDEX NAME)

CM 1

CRN 76-05-1

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CMF C2 H F3 O2



CM 2

CRN 865594-46-3

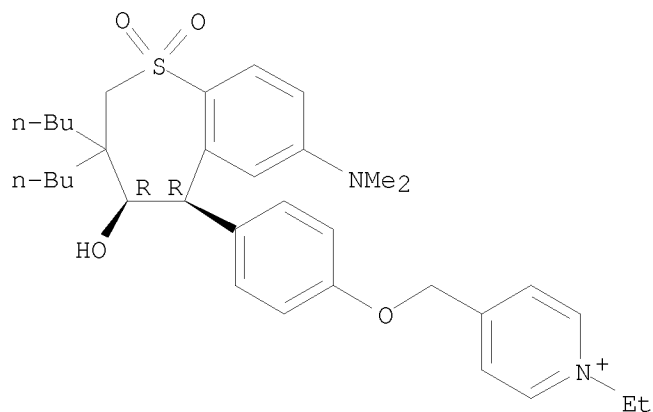
CMF C34 H47 N2 O4 S . C2 F3 O2

CM 3

CRN 865594-45-2

CMF C34 H47 N2 O4 S

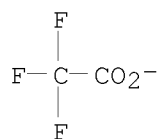
Absolute stereochemistry.



CM 4

CRN 14477-72-6

CMF C2 F3 O2



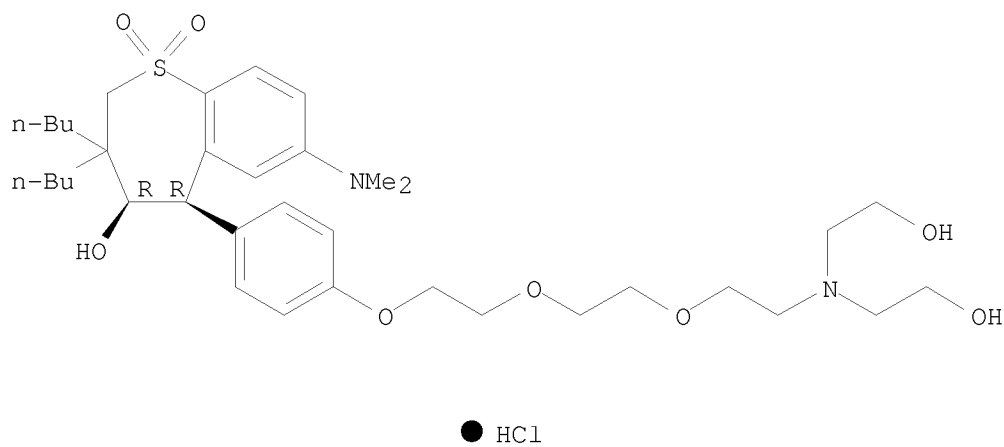
RN 865594-48-5 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[2-[2-[2-[bis(2-hydroxyethyl)amino]ethoxy]ethoxy]ethoxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, hydrochloride (1:1),

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(4R,5R)- (CA INDEX NAME)

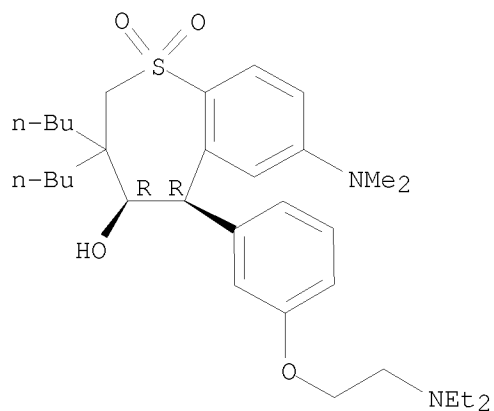
Absolute stereochemistry.



RN 865594-49-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-[2-(diethylamino)ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

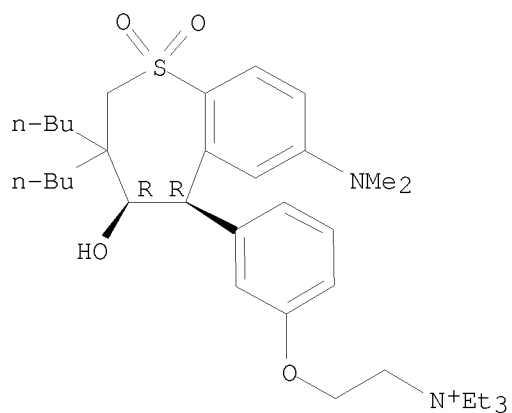


RN 865594-50-9 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1) (CA INDEX NAME)

Absolute stereochemistry.

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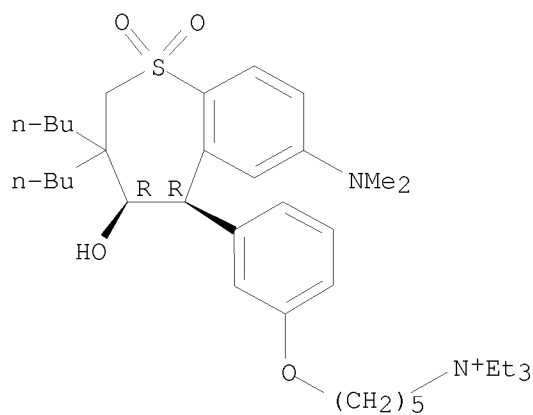


RN 865594-52-1 CAPLUS
CN 1-Pentanaminium, 5-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 865594-51-0
CMF C37 H61 N2 O4 S

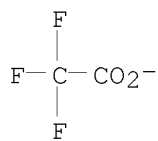
Absolute stereochemistry.



CM 2

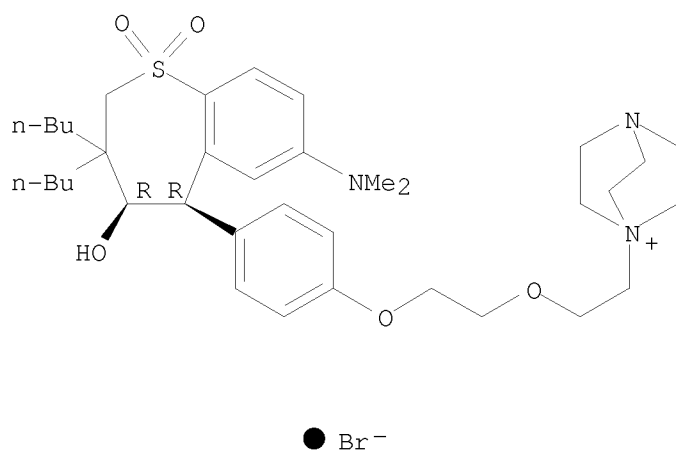
CRN 14477-72-6
CMF C2 F3 O2

10/590,458



RN 865594-53-2 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, bromide
(1:1) (CA INDEX NAME)

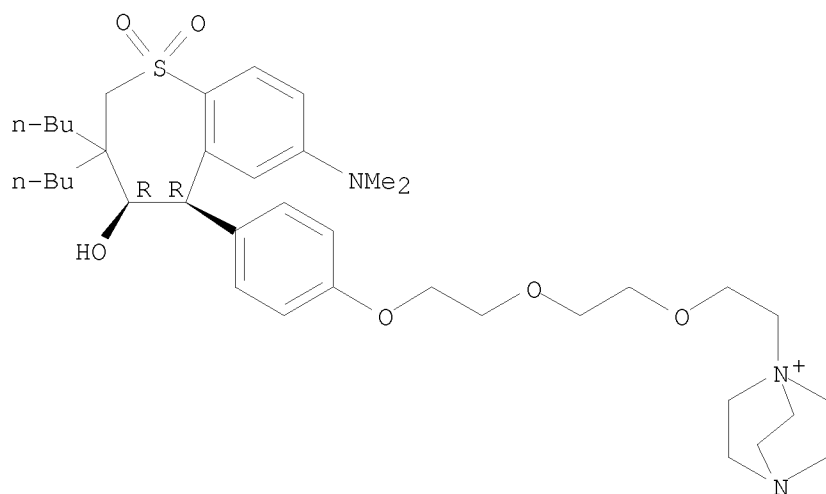
Absolute stereochemistry.



RN 865594-54-3 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-,
chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

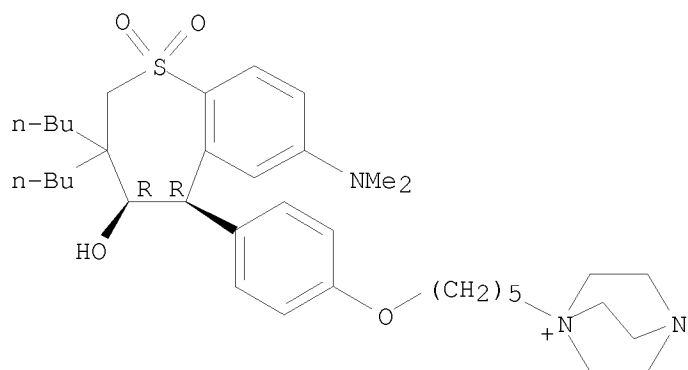
10/590,458



● Cl⁻

RN 865594-55-4 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, chloride (1:1)
(CA INDEX NAME)

Absolute stereochemistry.

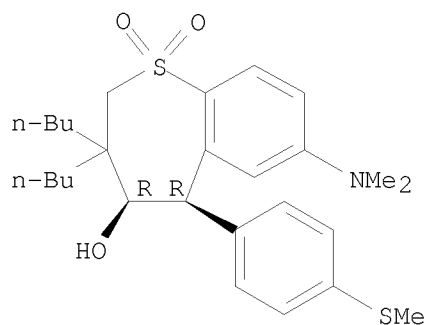


● Cl⁻

RN 865594-58-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
(methylthio)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

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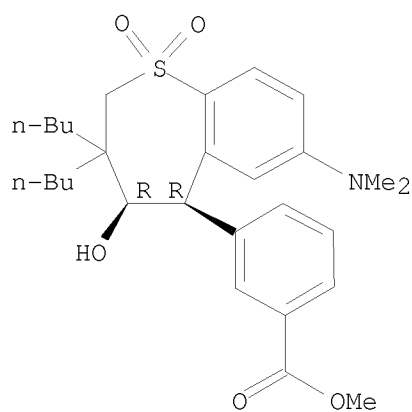
Relative stereochemistry.



RN 865594-59-8 CAPLUS

CN Benzoic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

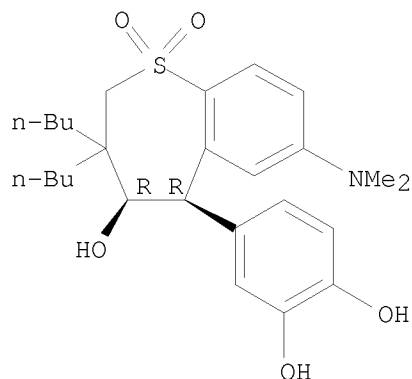


RN 865594-60-1 CAPLUS

CN 1,2-Benzenediol, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

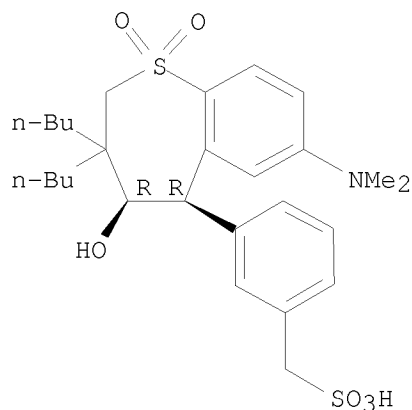
Relative stereochemistry.

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RN 865594-61-2 CAPLUS
 CN Benzenemethanesulfonic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



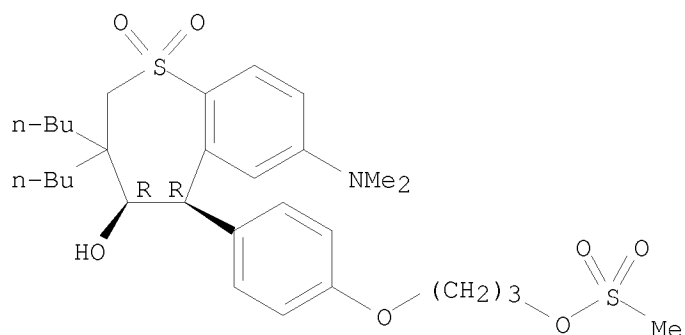
IT 289038-56-8 289038-58-0 289038-78-4
 289038-81-9 289038-84-2 865594-21-4
 865594-62-3 865594-63-4 865594-64-5
 865594-65-6 865594-66-7 865594-67-8
 865594-68-9

RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical sodium-codependent bile acid transporter inhibitors)

RN 289038-56-8 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[3-[(methylsulfonyl)oxy]propoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

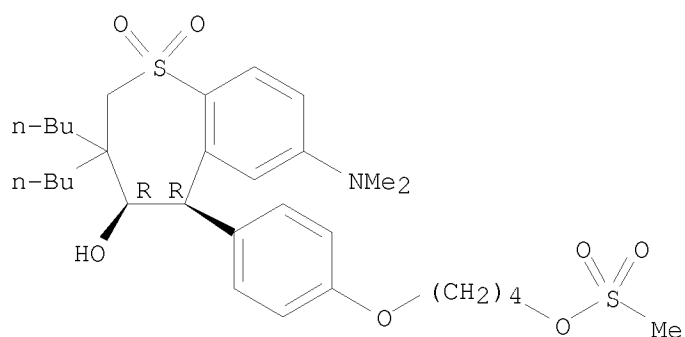
10/590,458



RN 289038-58-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[4-[(methylsulfonyl)oxy]butoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

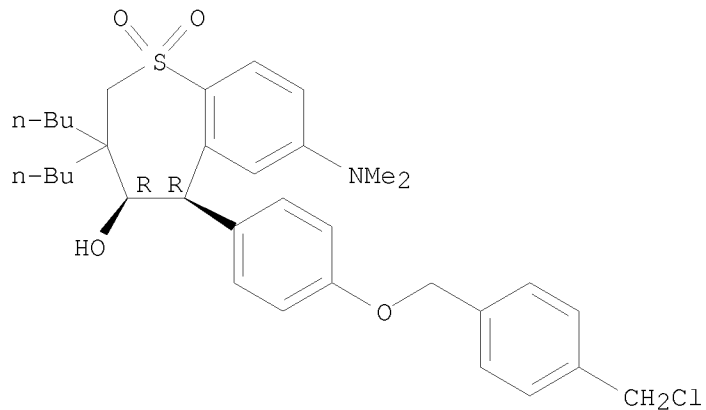


RN 289038-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

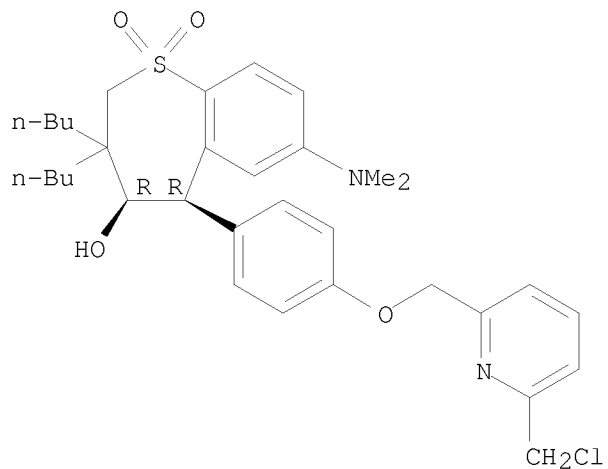
10/590,458



RN 289038-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

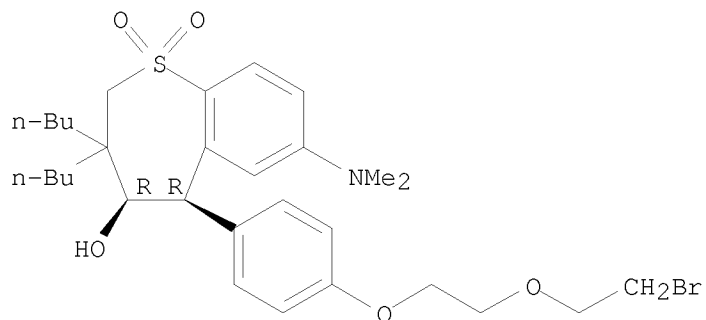


RN 289038-84-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

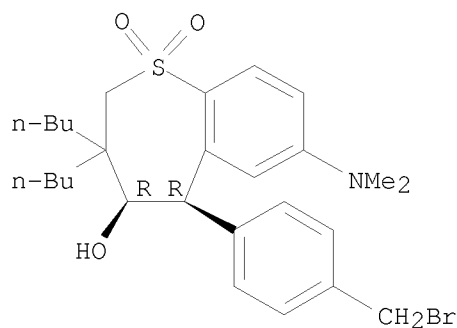
Absolute stereochemistry.

10/590,458



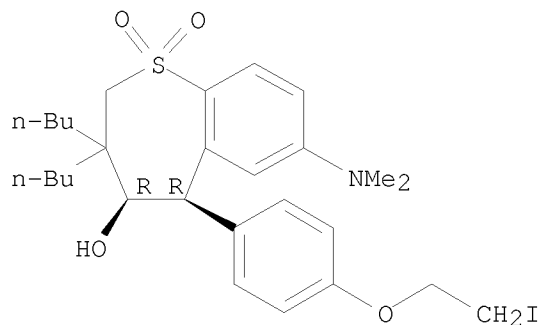
RN 865594-21-4 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 865594-62-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(2-iodoethoxy)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

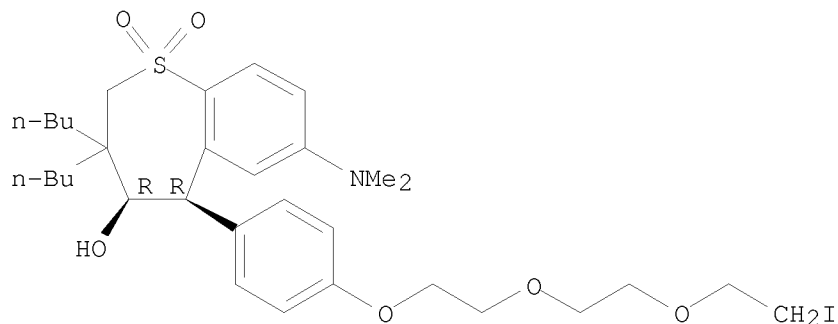


RN 865594-63-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-

10/590,458

[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

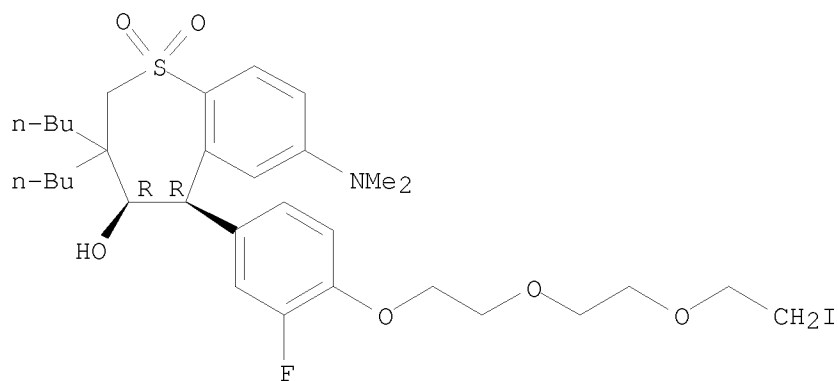
Absolute stereochemistry.



RN 865594-64-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

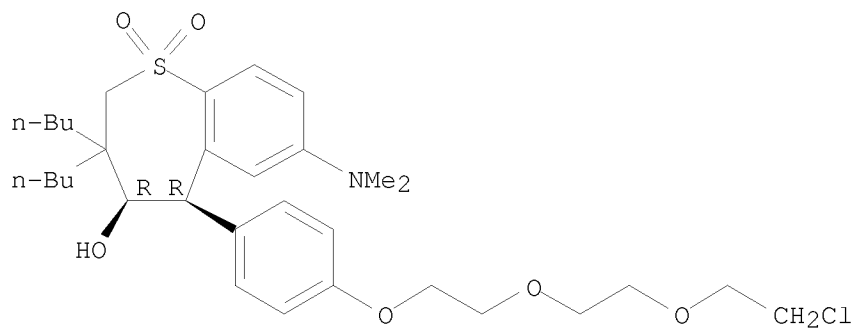


RN 865594-65-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

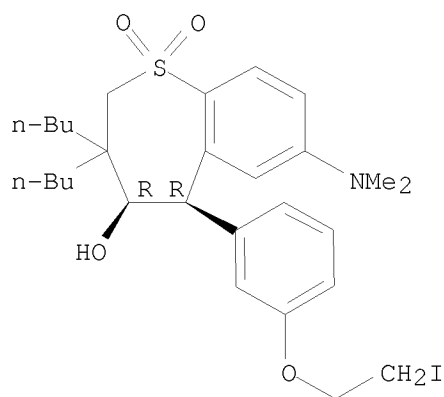
10/590,458



RN 865594-66-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(2-iodoethoxy)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

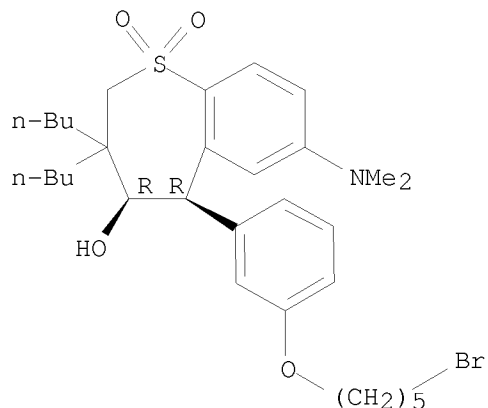


RN 865594-67-8 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-[(5-bromopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

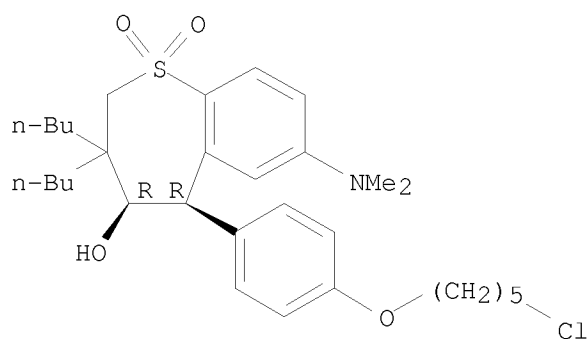
10/590,458



RN 865594-68-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(5-chloropentyl)oxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT 289038-53-5P 289038-61-5P 865594-01-0P
865594-04-3P 865594-08-7P 865594-10-1P
865594-56-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

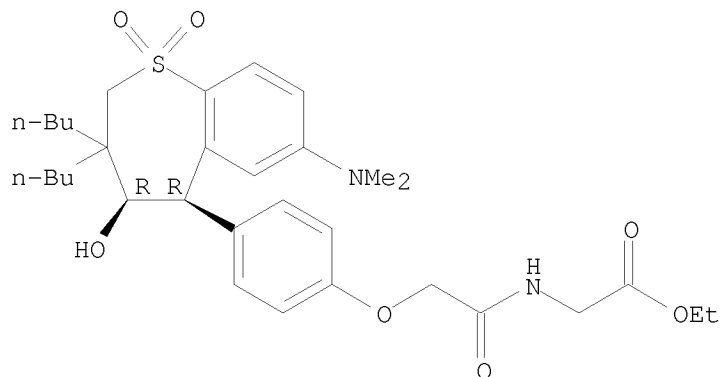
(preparation of (aryl)(hydroxy)tetrahydrobenzothiepins as nonsystemic apical sodium-codependent bile acid transporter inhibitors)

RN 289038-53-5 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

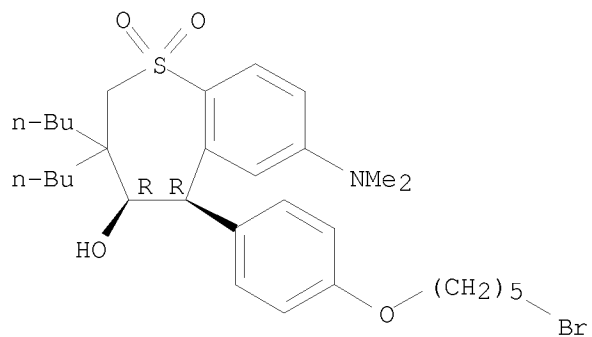
10/590,458



RN 289038-61-5 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-bromopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

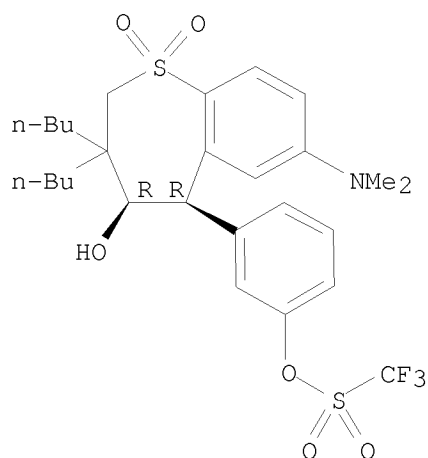


RN 865594-01-0 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester (CA INDEX NAME)

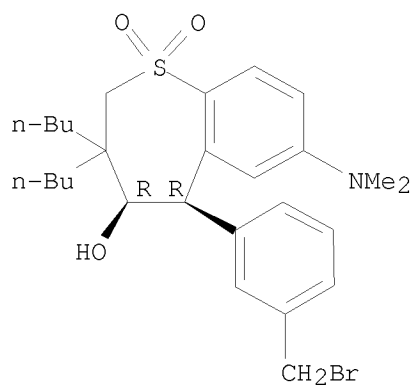
Absolute stereochemistry. Rotation (+).

10/590,458



RN 865594-04-3 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[3-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

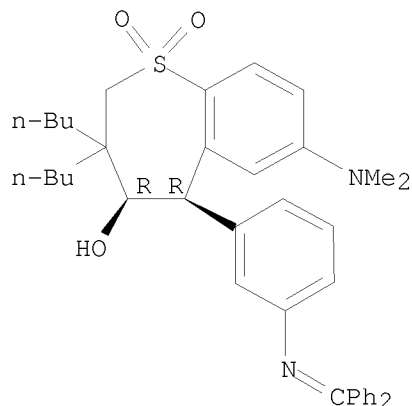
Absolute stereochemistry. Rotation (+).



RN 865594-08-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(diphenylmethylene)amino]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

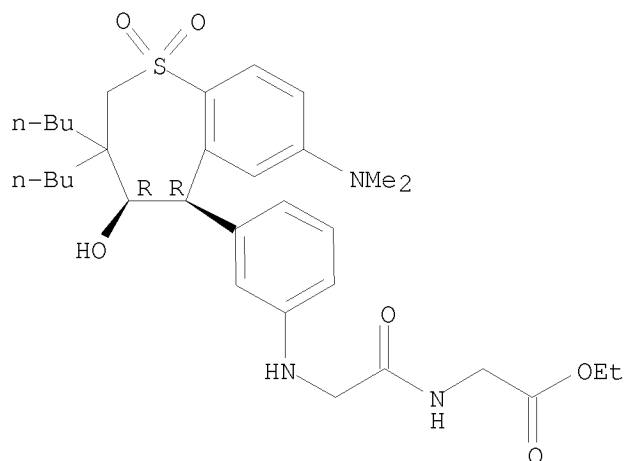
10/590,458



RN 865594-10-1 CAPLUS

CN Glycine, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]glycyl-, ethyl ester (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

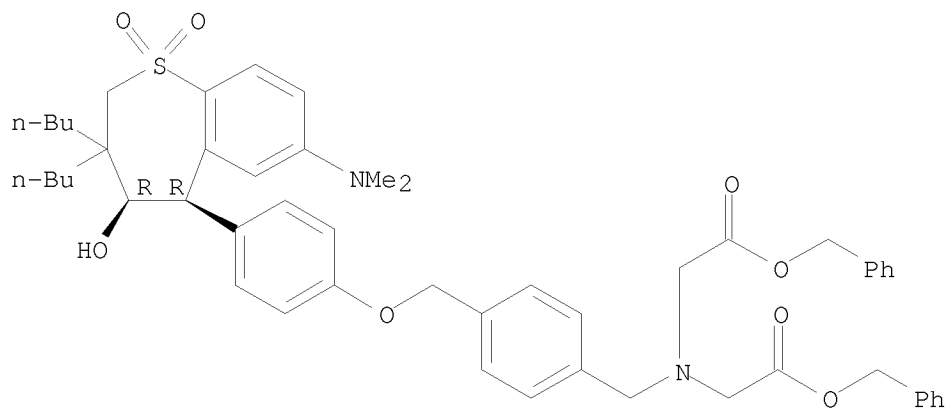


RN 865594-56-5 CAPLUS

CN Glycine, N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-N-[2-oxo-2-(phenylmethoxy)ethyl]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

10/590,458



OS.CITING REF COUNT:	12	THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)
REFERENCE COUNT:	13	THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 9 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:704247 CAPLUS

DOCUMENT NUMBER: 143:326192

TITLE: Discovery of Potent, Nonsystemic Apical
Sodium-Codependent Bile Acid Transporter Inhibitors
(Part 1)AUTHOR(S): Tremont, Samuel J.; Lee, Len F.; Huang, Horng-Chih;
Keller, Bradley T.; Banerjee, Shyamal C.; Both, Scott
R.; Carpenter, Andrew J.; Wang, Ching-Cheng; Garland,
Danny J.; Huang, Wei; Jones, Claude; Koeller, Kevin
J.; Kolodziej, Steve A.; Li, James; Manning, Robert
E.; Mahoney, Matthew W.; Miller, Raymond E.; Mischke,
Deborah A.; Rath, Nigam P.; Fletcher, Theresa;
Reinhard, Emily J.; Tollefson, Michael B.; Vernier,
William F.; Wagner, Grace M.; Rapp, Steve R.; Beaudry,
Judy; Glenn, Kevin; Regina, Karen; Schuh, Joe R.;
Smith, Mark E.; Trivedi, Jay S.; Reitz, David B.CORPORATE SOURCE: Department of Discovery Chemistry and Department of
Cardiovascular Disease, Pharmacia, Chesterfield, MO,
63017, USASOURCE: Journal of Medicinal Chemistry (2005), 48(18),
5837-5852

CODEN: JMCMAR; ISSN: 0022-2623

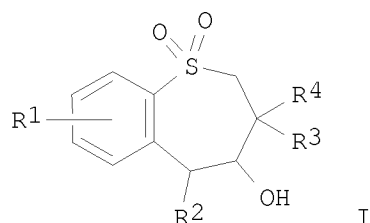
PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 143:326192

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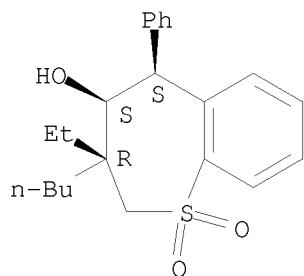


AB Elevated plasma levels of low-d. lipoprotein (LDL) cholesterol are a major risk factor for atherosclerosis leading to coronary artery disease (CAD), which remains the main cause of mortality in Western society. By preventing the reabsorption of bile acids, a minimally absorbed apical sodium-codependent bile acid transporter (ASBT) inhibitor would lower the serum cholesterol without the potential systemic side effects of an absorbed drug. A series of novel benzothiepins (3R,3R'-2,3,4,5-tetrahydro-5-aryl-1-benzothiepin-4-ol 1,1-dioxides) I (R1 = H, 7-Me, 7-H2N, 7-MeS, 7-Br, 7-Ph, 8-OH, 9-F, etc.; R2 = Ph, 4-FC6H4, 4-MeOC6H4, etc.; R3 = R4 = Me, Et, n-Pr, n-Bu, n-pentyl; R3 = Et, R4 = Bu) was synthesized and tested for their ability to inhibit the apical sodium dependent bile acid transport (ASBT)-mediated uptake of [14C]taurocholate in H14 cells. A 3R,4R,5R/3S,4S,5S racemate was found to have greater potency than the other three possible racemates. Addition of

electron-donating groups such as a dimethylamino substituent at the 7 position greatly enhanced potency, and incorporation of a long-chain quaternary ammonium substituent on the 5-Ph ring was useful in minimizing systemic exposure of this locally active ASBT inhibitor while also increasing water solubility and maintaining potency. The reported results describe the synthesis and SAR development of this benzothiepin class of ASBT inhibitors resulting in an 6000-fold improvement in ASBT inhibition with desired minimal systemic exposure of this locally acting drug candidate.

IT 178897-97-7P
 RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (crystal structure; preparation of (aryl)(hydroxy)tetrahydrobenzothiepin S,S-dioxides as nonsystemic apical sodium-codependent bile acid transporter inhibitors)
 RN 178897-97-7 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

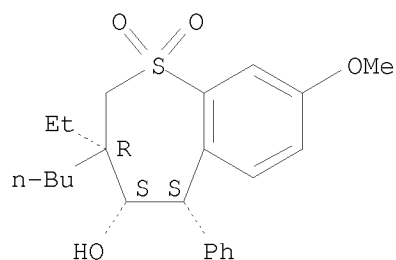
Relative stereochemistry.



IT 178678-39-2P 197372-90-0P 197373-03-8P
 197373-14-1P 197373-20-9P 197373-22-1P
 197373-26-5P 197373-42-5P 197375-30-7P
 197378-03-3P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of (aryl)(hydroxy)tetrahydrobenzothiepin S,S-dioxides as nonsystemic apical sodium-codependent bile acid transporter inhibitors)
 RN 178678-39-2 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

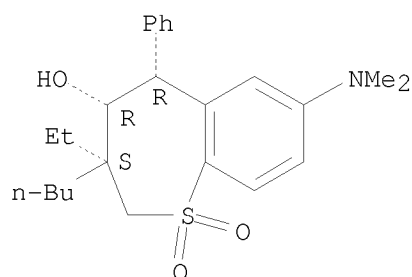
10/590,458



RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

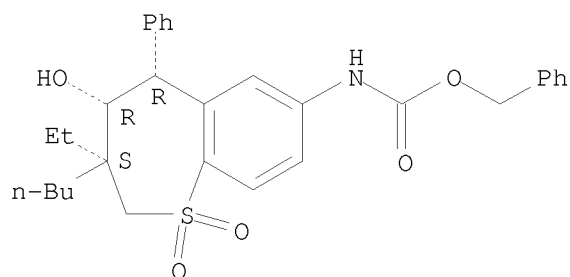
Relative stereochemistry.



RN 197373-03-8 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

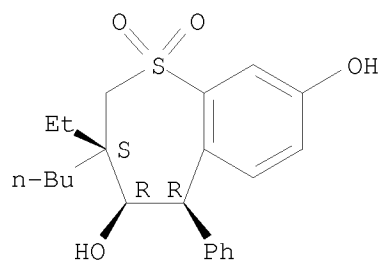


RN 197373-14-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

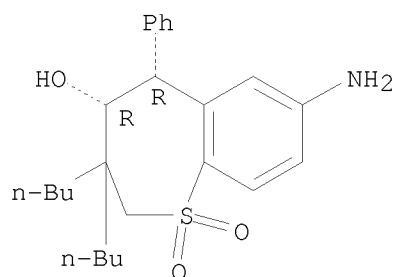
10/590,458



RN 197373-20-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

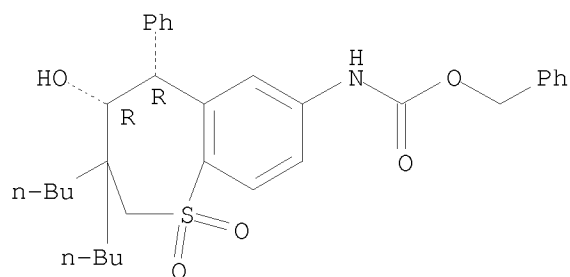
Relative stereochemistry.



RN 197373-22-1 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

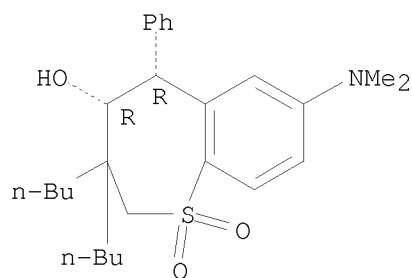


RN 197373-26-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

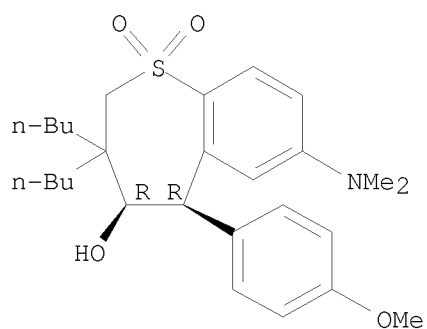
10/590,458



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

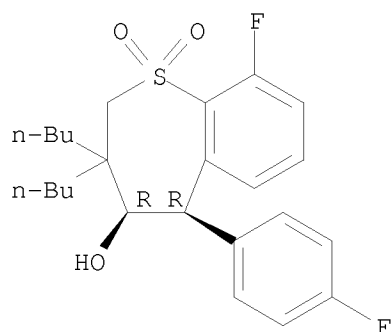
Relative stereochemistry.



RN 197375-30-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

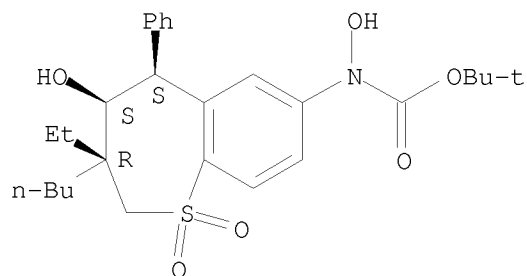
Relative stereochemistry.



RN 197378-03-3 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]hydroxy-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT	178678-27-8P	178678-44-9P	178897-95-5P
	178897-96-6P	178898-01-6P	178898-02-7P
	178898-04-9P	197372-75-1P	197372-81-9P
	197372-88-6P	197372-91-1P	197372-94-4P
	197372-96-6P	197373-04-9P	197373-06-1P
	197373-17-4P	197373-18-5P	197373-19-6P
	197373-25-4P	197373-41-4P	197373-45-8P
	197373-69-6P	197374-75-7P	197374-87-1P
	197375-22-7P	197375-26-1P	197375-36-3P
	197375-39-6P	197375-63-6P	197375-89-6P
	197377-96-1P	213312-80-2P	865461-87-6P
	865462-12-0P	865462-21-1P	

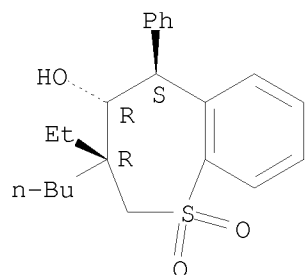
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of (aryl)(hydroxy)tetrahydrobenzothiepin S,S-dioxides as nonsystemic apical sodium-codependent bile acid transporter inhibitors)

RN 178678-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

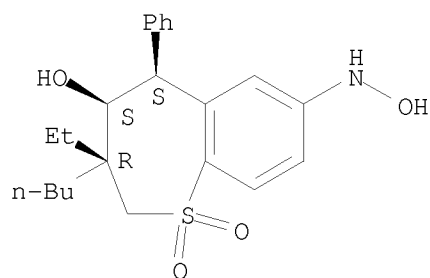


RN 178678-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

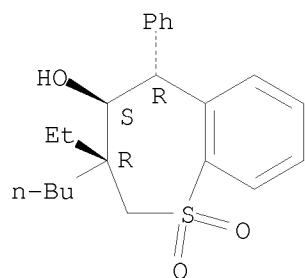
Relative stereochemistry.

10/590,458



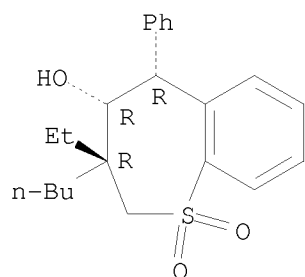
RN 178897-95-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178897-96-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

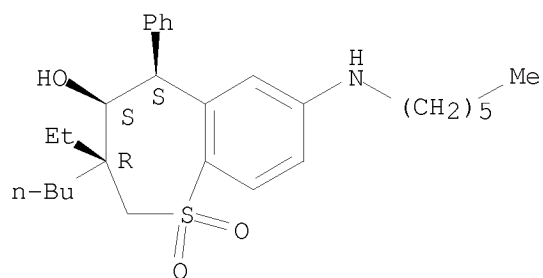
Relative stereochemistry.



RN 178898-01-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-
phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

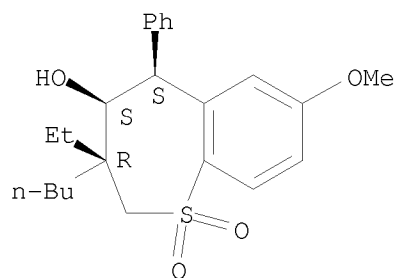
10/590,458



RN 178898-02-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

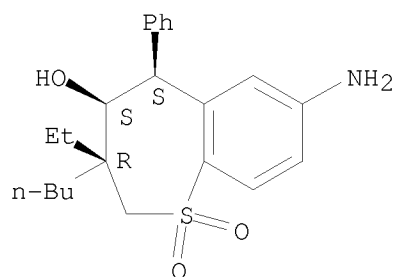
Relative stereochemistry.



RN 178898-04-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

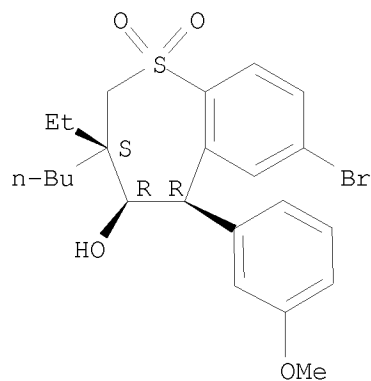


RN 197372-75-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

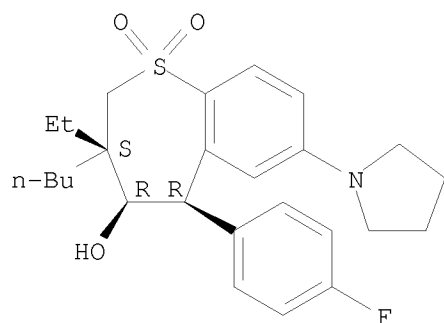
10/590,458



RN 197372-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

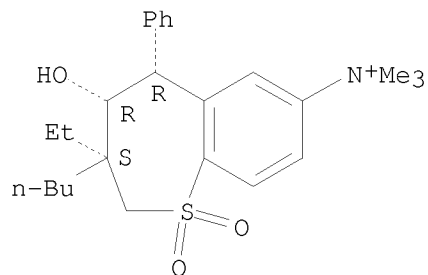
Relative stereochemistry.



RN 197372-88-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



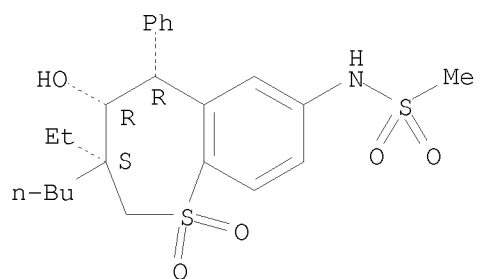
● I⁻

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RN 197372-91-1 CAPLUS

CN Methanesulfonamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

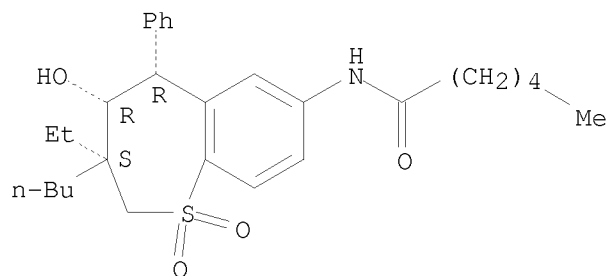
Relative stereochemistry.



RN 197372-94-4 CAPLUS

CN Hexanamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

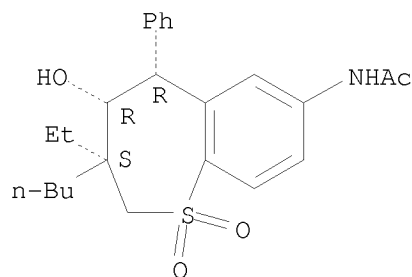
Relative stereochemistry.



RN 197372-96-6 CAPLUS

CN Acetamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



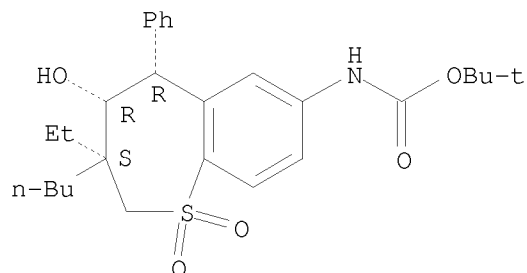
RN 197373-04-9 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-

10/590,458

1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel-
(9CI) (CA INDEX NAME)

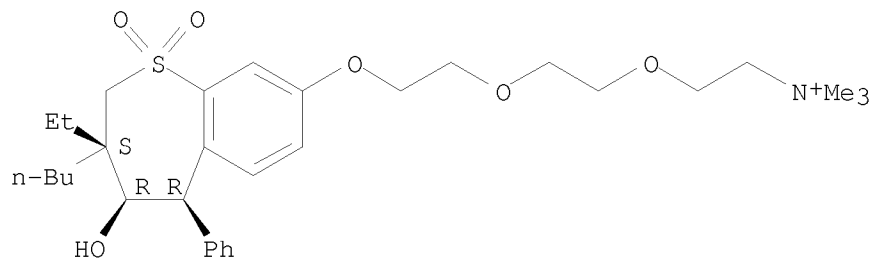
Relative stereochemistry.



RN 197373-06-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

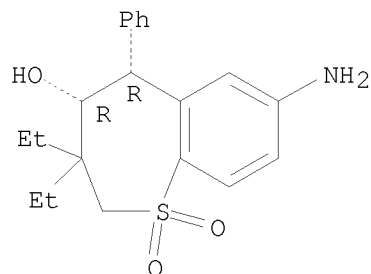
Relative stereochemistry.



RN 197373-17-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

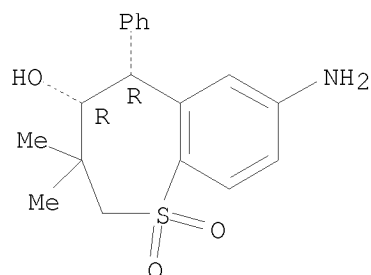


10/590,458

RN 197373-18-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

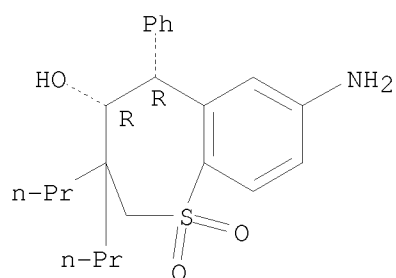
Relative stereochemistry.



RN 197373-19-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

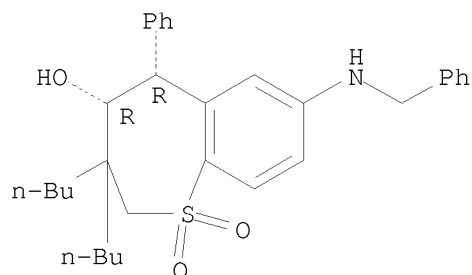
Relative stereochemistry.



RN 197373-25-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-
[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

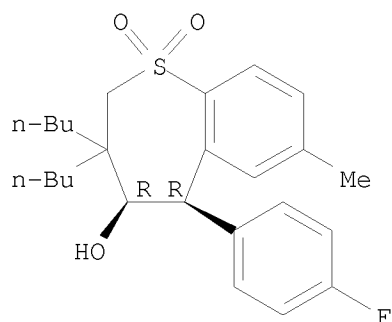


RN 197373-41-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-
methyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

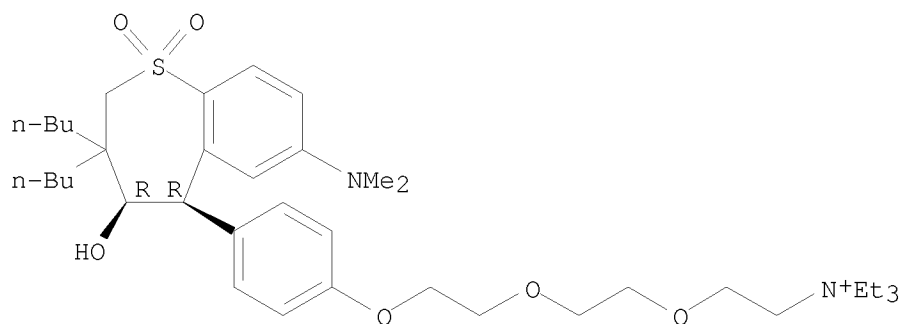
10/590,458

Relative stereochemistry.



RN 197373-45-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

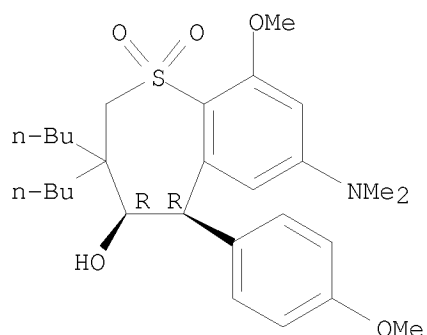
Relative stereochemistry.



RN 197373-69-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-9-methoxy-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

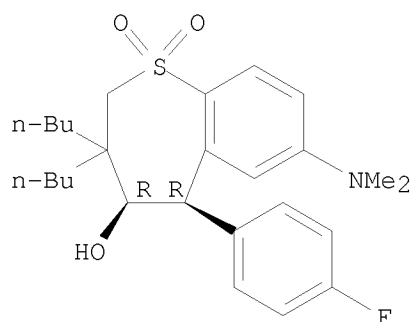
10/590,458



RN 197374-75-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

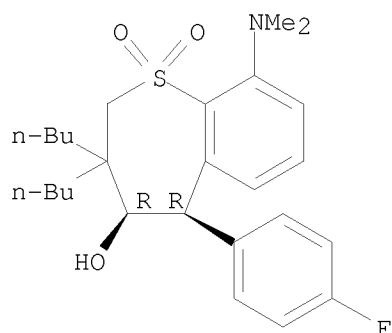
Relative stereochemistry.



RN 197374-87-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

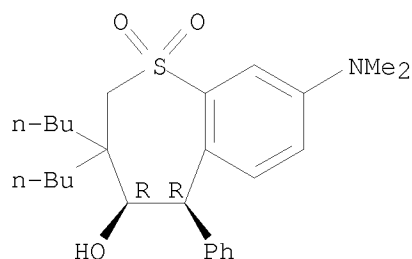


RN 197375-22-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(dimethylamino)-2,3,4,5-tetrahydro-5-
phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

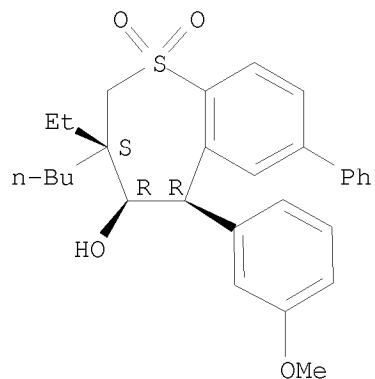
Relative stereochemistry.



RN 197375-26-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

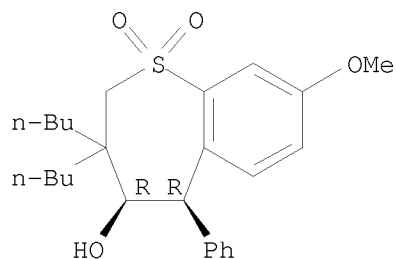
Relative stereochemistry.



RN 197375-36-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

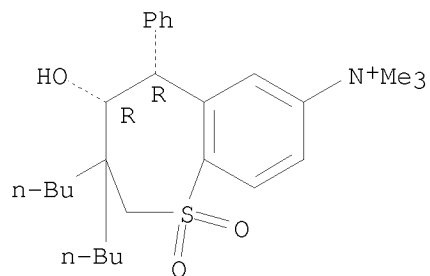


RN 197375-39-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

10/590,458

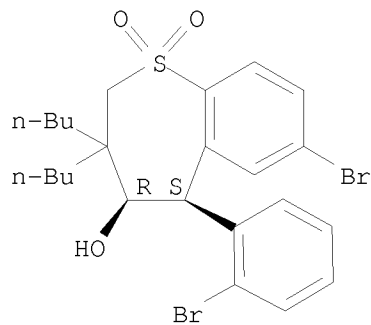
Relative stereochemistry.



RN 197375-63-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-5-(2-bromophenyl)-3,3-dibutyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

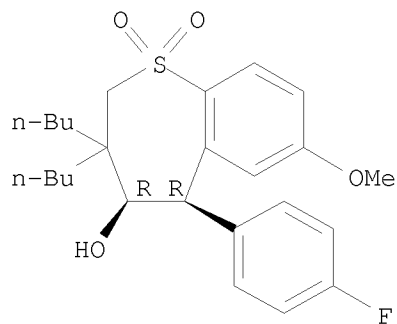
Relative stereochemistry.



RN 197375-89-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

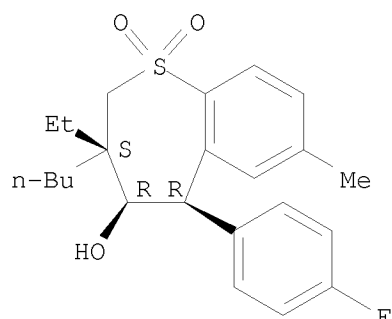


RN 197377-96-1 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

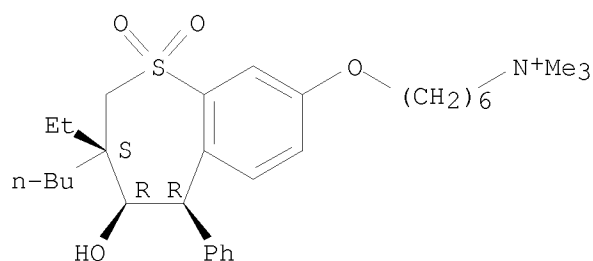
Relative stereochemistry.



RN 213312-80-2 CAPLUS

CN 1-Hexanaminium, 6-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

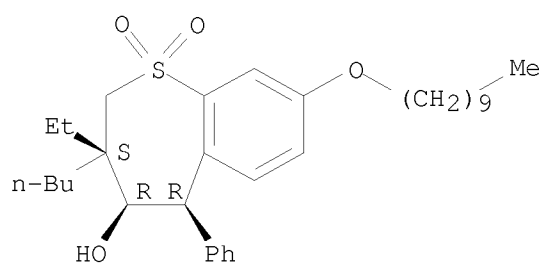
Relative stereochemistry.



RN 865461-87-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-(decyloxy)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

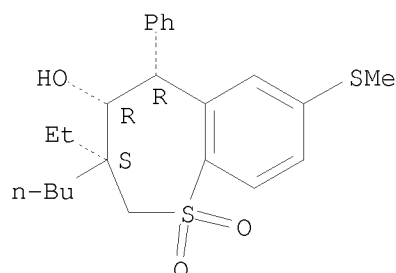


10/590,458

RN 865462-12-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(methylthio)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

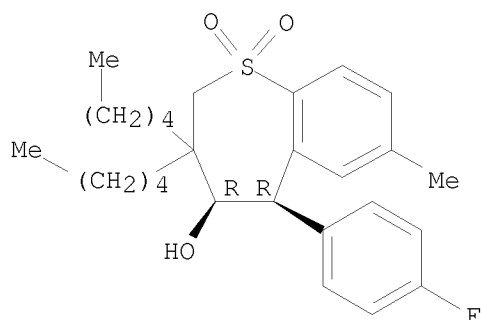
Relative stereochemistry.



RN 865462-21-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-3,3-dipentyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 197375-49-8

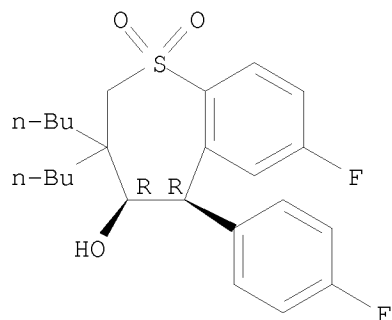
RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of (aryl)(hydroxy)tetrahydrobenzothiepin S,S-dioxides as nonsystemic apical sodium-codependent bile acid transporter inhibitors)

RN 197375-49-8 CAPLUS

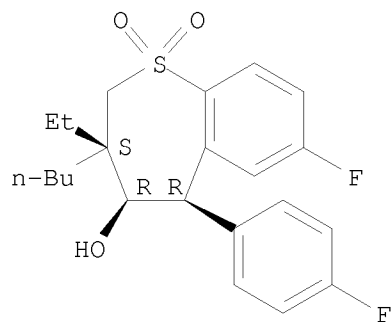
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



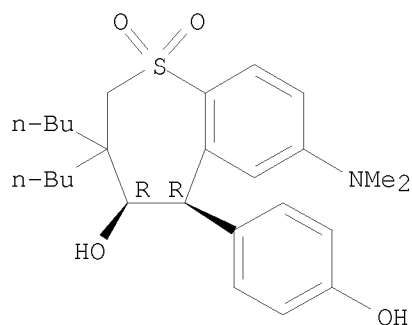
IT 197372-77-3P 197373-43-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of (aryl)(hydroxy)tetrahydrobenzothiepin S,S-dioxides as nonsystemic apical sodium-codependent bile acid transporter inhibitors)
 RN 197372-77-3 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-43-6 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

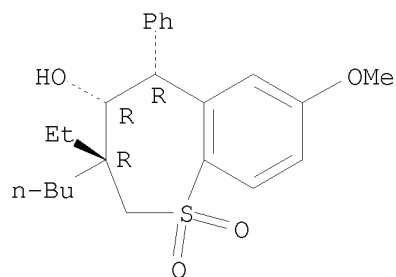
Relative stereochemistry.



10/590,458

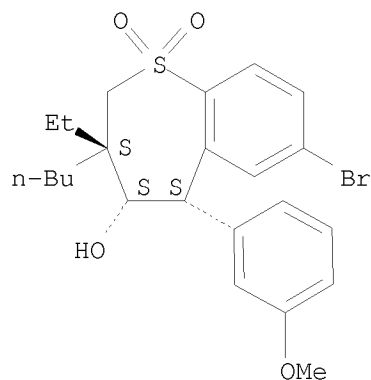
IT 178678-48-3P 197372-74-0P 197372-76-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of (aryl)(hydroxy)tetrahydrobenzothiepin S,S-dioxides as
nonsystemic apical sodium-codependent bile acid transporter inhibitors)
RN 178678-48-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-
, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197372-74-0 CAPLUS
CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-
methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

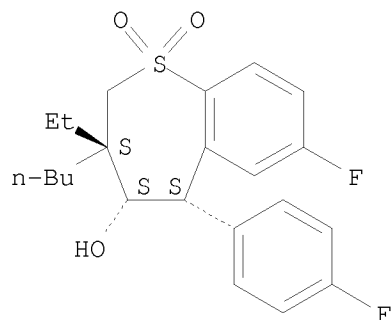
Relative stereochemistry.



RN 197372-76-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-
tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458



OS.CITING REF COUNT: 15

THERE ARE 15 CAPLUS RECORDS THAT CITE THIS
RECORD (15 CITINGS)

REFERENCE COUNT: 28

THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 10 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:619805 CAPLUS

DOCUMENT NUMBER: 143:186494

TITLE: SC-435, an ileal apical sodium co-dependent bile acid transporter (ASBT) inhibitor: Hypocholesterolemic mechanisms of action in the guinea pig

AUTHOR(S): West, Kristy Lynn

CORPORATE SOURCE: Univ. of Connecticut, Storrs, CT, USA

SOURCE: (2004) 207 pp. Avail.: UMI, Order No. DA3138410
From: Diss. Abstr. Int., B 2004, 65(6), 2878

DOCUMENT TYPE: Dissertation

LANGUAGE: English

AB Unavailable

IT 289037-67-8, SC-435

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(SC-435, an ileal apical sodium co-dependent bile acid transporter (ASBT) inhibitor: Hypocholesterolemic mechanisms of action in the guinea pig)

RN 289037-67-8 CAPLUS

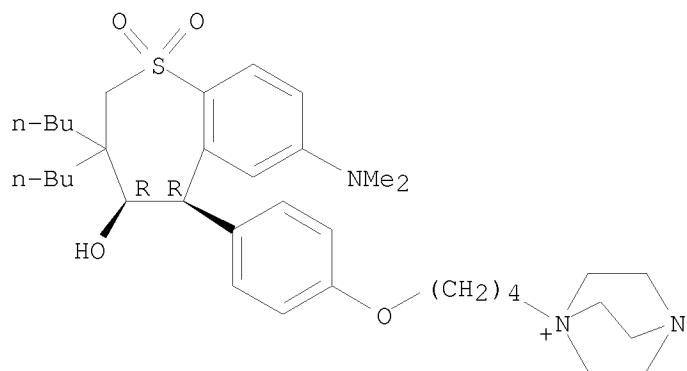
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7

CMF C36 H56 N3 O4 S

Absolute stereochemistry.

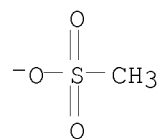


CM 2

CRN 16053-58-0

CMF C H3 O3 S

10/590,458



L17 ANSWER 11 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:1124587 CAPLUS
 DOCUMENT NUMBER: 142:69188
 TITLE: Combination therapy for the treatment of diabetes
 INVENTOR(S): Erondu, Ngozi E.; Fong, Tung M.; MacNeil, Douglas J.;
 Van Der Ploeg, Leonardus H. T.; Kanatani, Akio
 PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Banyu Pharmaceutical Co., Ltd.
 SOURCE: PCT Int. Appl., 109 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004110375	A2	20041223	WO 2004-US17291	20040602
WO 2004110375	A3	20050512		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1635832	A2	20060322	EP 2004-753999	20040602
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
US 20070099884	A1	20070503	US 2005-559206	20051202
PRIORITY APPLN. INFO.:			US 2003-476388P	P 20030606
			WO 2004-US17291	W 20040602

OTHER SOURCE(S): MARPAT 142:69188

AB The present invention relates to compns. comprising an anti-obesity agent and an anti-diabetic agent useful for the treatment of diabetes, diabetes associated with obesity and diabetes-related disorders. The present invention further relates to methods of treating or preventing obesity, and obesity-related disorders, in a subject in need thereof by administering a composition of the present invention. The present invention further provides for pharmaceutical compns., medicaments, and kits useful in carrying out these methods.

IT 289037-67-8, SC435

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combination therapy of diabetes and diabetes-related disorders using antiobesity agent and antidiabetic agent and other agents)

RN 289037-67-8 CAPLUS

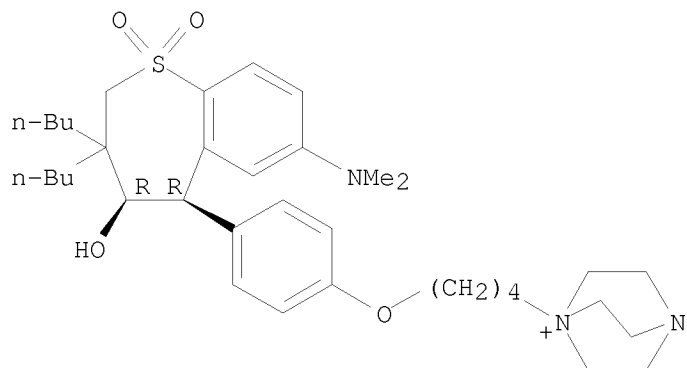
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

10/590,458

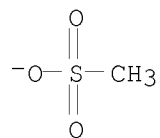
CRN 289037-66-7
CMF C36 H56 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16053-58-0
CMF C H3 O3 S



OS.CITING REF COUNT:	3	THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 12 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:1124581 CAPLUS
 DOCUMENT NUMBER: 142:69181
 TITLE: Combination therapy for the treatment of hypertension
 INVENTOR(S): Fong, Tung M.; Erondy, Ngozi E.; Macneil, Douglas J.;
 McIntyre, James H.; Van Der Ploeg, Leonardus H. T.
 PATENT ASSIGNEE(S): Merck & Co., Inc., USA
 SOURCE: PCT Int. Appl., 99 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004110368	A2	20041223	WO 2004-US17090	20040602
WO 2004110368	A3	20060720		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1635773	A2	20060322	EP 2004-753832	20040602
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR			
US 20060160834	A1	20060720	US 2005-559111	20051202
PRIORITY APPLN. INFO.:			US 2003-476390P	P 20030606
			WO 2004-US17090	W 20040602

OTHER SOURCE(S): MARPAT 142:69181

AB The present invention relates to compns. comprising an anti-obesity agent and an anti-hypertensive agent useful for the treatment of hypertension, hypertension associated with obesity, and hypertension-related disorders. The present invention further relates to methods of treating or preventing obesity, and obesity-related disorders, in a subject in need thereof by administering a composition of the present invention. The present invention further provides for pharmaceutical compns., medicaments, and kits useful in carrying out these methods.

IT 289037-67-8, SC435

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combination therapy of hypertension and hypertension-related disorders using antiobesity agent and antihypertensive agent and other agents and antihypertensive agent)

RN 289037-67-8 CAPLUS

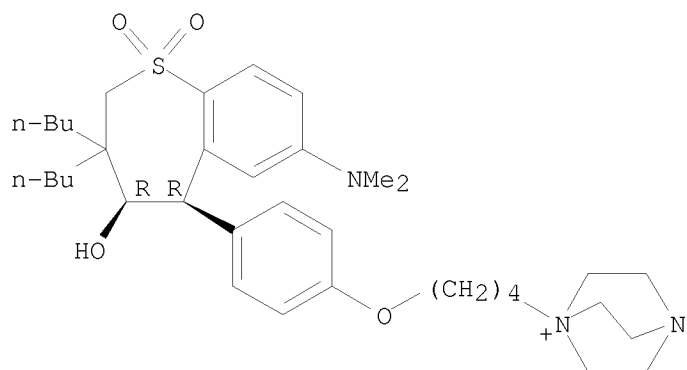
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

10/590,458

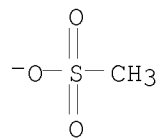
CRN 289037-66-7
CMF C36 H56 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16053-58-0
CMF C H3 O3 S



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 13 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:740309 CAPLUS

DOCUMENT NUMBER: 141:260784

TITLE: Preparation of benzothiazepine and benzothiepine derivatives as ileal bile acid transport (IBAT) inhibitors

INVENTOR(S): Starke, Ingemar; Alenfalk, Suzanne; Nordberg, Mats Peter; Dahlstrom, Mikael Ulf Johan; Bostrom, Stig Jonas; Lemurell, Malin Anita; Wallberg, Andreas Christer

PATENT ASSIGNEE(S): Astrazeneca Ab, Swed.; Astrazeneca Uk Limited

SOURCE: PCT Int. Appl., 77 pp.

CODEN: PIXXD2

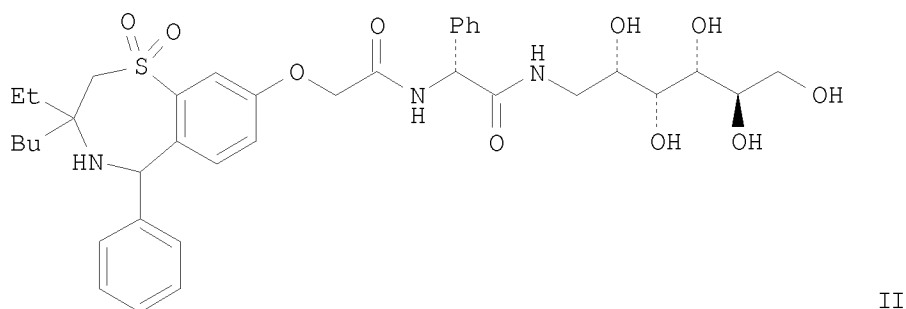
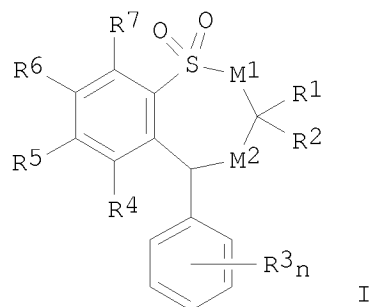
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

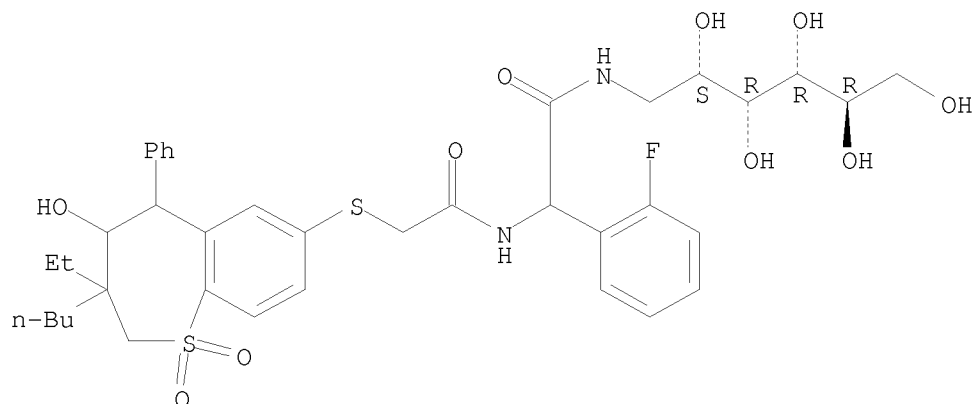
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004076430	A1	20040910	WO 2004-GB695	20040223
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1597245	A1	20051123	EP 2004-713573	20040223
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2006518728	T	20060817	JP 2006-502310	20040223
US 20060094884	A1	20060504	US 2005-546005	20050818
PRIORITY APPLN. INFO.:			GB 2003-4194	A 20030225
			WO 2004-GB695	W 20040223
OTHER SOURCE(S):	MARPAT 141:260784			
GI				



- AB Title compds. represented by the formula I [wherein R1, R2 = H, alkyl, alkenyl; R3 = halo, nitro, cyano, amino, etc.; R5, R6 = independently H, hydroxy, (un)substituted carbamoylalkyloxy, etc.; R4, R7 = independently H, halo, mercapto, alkenyl, etc.; M1, M2 = independently (un)substituted carbon or amino; n = 0-5; and pharmaceutically acceptable salts, solvates, solvates of such a salt or a prodrug thereof] were prepared as ileal bile acid transport (IBAT) inhibitors. For example, reaction of (±)-trans-1,1-Dioxo-3-ethyl-3-butyl-5-phenyl-8-(carboxymethoxy)-2,3,4,5-tetrahydro-1,4-benzothiazepine with (R)-4-[N'-[2-(S)-3-(R)-4-(R)-5-(R)-2,3,4,5,6-pentahydroxyhexyl]carbamoyl]benzylamine gave II. Thus, I and their pharmaceutical compns. are useful as ileal bile acid transport (IBAT) inhibitors for the treatment of hyperlipidemia (no data).
- IT 753486-44-1P 753486-46-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of benzothiazepine and benzothiepine derivs. as ileal bile acid transport (IBAT) inhibitors)
- RN 753486-44-1 CAPLUS
- CN D-Glucitol, 1-[[[[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]amino](2-fluorophenyl)acetyl]amino]-1-deoxy- (9CI) (CA INDEX NAME)

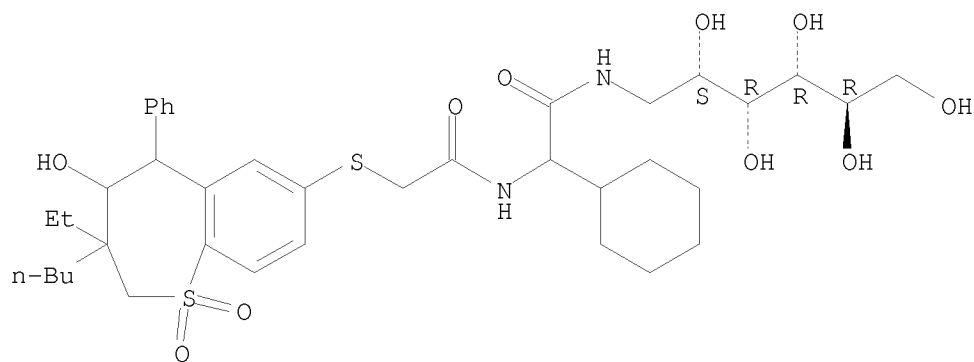
Absolute stereochemistry.



RN 753486-46-3 CAPLUS

CN D-Glucitol, 1-[[[[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]amino]cyclohexylacetyl]amino]-1-deoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



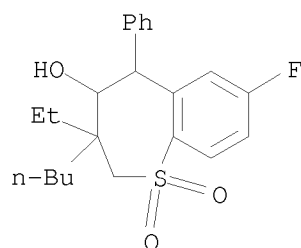
IT 501923-61-1

RL: RCT (Reactant); RACT (Reactant or reagent)

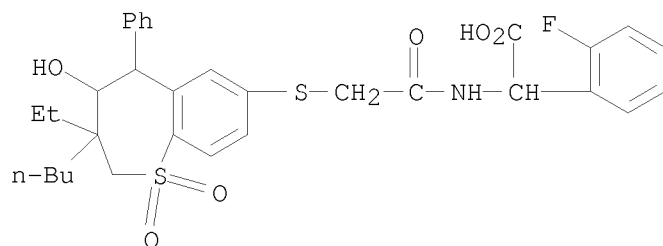
(preparation of benzothiazepine and benzothiepine derivs. as ileal bile acid transport (IBAT) inhibitors)

RN 501923-61-1 CAPLUS

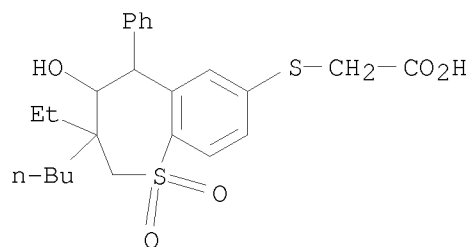
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide (CA INDEX NAME)



IT 501923-58-6P 501923-60-0P 753010-63-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of benzothiazepine and benzothiepine derivs. as ileal bile acid
 transport (IBAT) inhibitors)
 RN 501923-58-6 CAPLUS
 CN Benzeneacetic acid, α -[[2-[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]amino]-2-
 fluoro- (CA INDEX NAME)

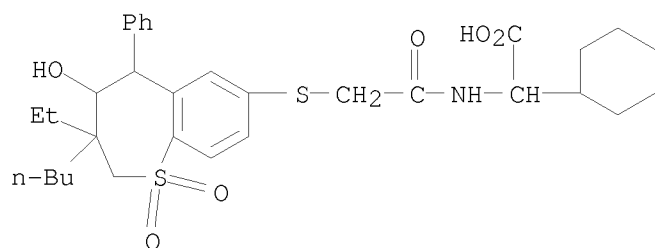


RN 501923-60-0 CAPLUS
 CN Acetic acid, 2-[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-
 5-phenyl-1-benzothiepin-7-yl)thio]- (CA INDEX NAME)



RN 753010-63-8 CAPLUS
 CN Cyclohexaneacetic acid, α -[[2-[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]amino]- (CA
 INDEX NAME)

10/590,458



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 14 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:523671 CAPLUS

DOCUMENT NUMBER: 141:133877

TITLE: Inhibition of ileal bile acid transport lowers plasma cholesterol levels by inactivating hepatic farnesoid X receptor and stimulating cholesterol 7 α -hydroxylase

AUTHOR(S): Li, Hai; Xu, Guorong; Shang, Quan; Pan, Luxing; Shefer, Sarah; Batta, Ashok K.; Bollineni, Jaya; Tint, G. Stephen; Keller, Brad T.; Salen, Gerald

CORPORATE SOURCE: Department of Medicine, University of Medicine and Dentistry of New Jersey, Newark, NJ, USA

SOURCE: Metabolism, Clinical and Experimental (2004), 53(7), 927-932

CODEN: METAAJ; ISSN: 0026-0495

PUBLISHER: Elsevier Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB We investigated the effect of SC-435, a competitive inhibitor of ileal apical sodium-dependent bile acid cotransporter (ASBT) on ileal bile acid absorption and the hepatic nuclear receptor FXR (farnesoid X receptor), which regulates cholesterol 7 α -hydroxylase (CYP7A1) activity and mRNA levels. Eighteen New Zealand White (NZW) rabbits were divided into 2 groups: controls (n = 10) and fed SC-435 125 mg/kg/d for 1 wk (n = 8). In rabbits treated with SC-435, fecal bile acid outputs increased by more than 8 times, reflecting substantial bile acid malabsorption. Plasma cholesterol levels decreased 26%, while bile acid pool sizes and biliary bile acid outputs did not change after treatment. CYP7A1 activity increased 64% and mRNA rose by 4 times after treatment. The expression of FXR target genes in the liver, short heterodimer partner (SHP) and bile salt export pump (BSEP), decreased 11.6 and 2.6 times, resp., after treatment, which indicates inactivation of hepatic FXR. However, the mRNA levels of ileal bile acid binding protein (IBABP) did not change significantly, while ileal ASBT mRNA expression increased by 2.4 times after treatment. Rabbits treated with SC-435 developed ileal bile acid malabsorption, which decreased the return of bile acids (FXR ligands) to the liver to inactivate hepatic FXR, which upregulated CYP7A1 and lowered plasma cholesterol levels. Although fecal bile acid malabsorption was substantial, increased bile acid production from hepatic cholesterol kept biliary bile acid outputs intact. Thus, a new balance was reached in the liver, where increased bile acid synthesis compensated for diminished ileal bile acid absorption to maintain the circulating enterohepatic bile acid pool.

IT 289037-67-8, SC-435

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(ASBT inhibitor SC-435 lowers cholesterol by effect on ileal bile acid transport, hepatic FXR, and cholesterol 7 α -hydroxylase)

RN 289037-67-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

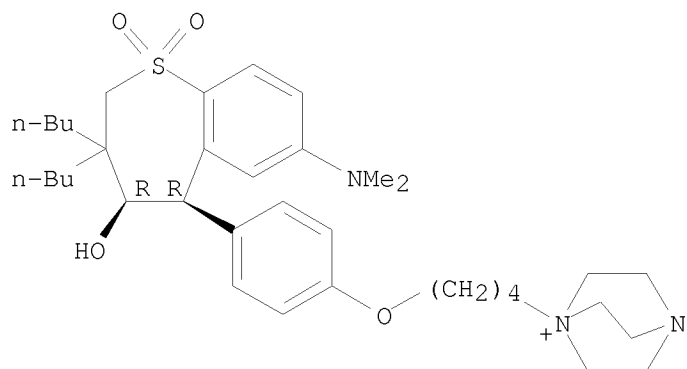
CM 1

CRN 289037-66-7

10/590,458

CMF C36 H56 N3 O4 S

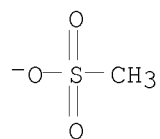
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



OS.CITING REF COUNT: 22

THERE ARE 22 CAPLUS RECORDS THAT CITE THIS
RECORD (22 CITINGS)

REFERENCE COUNT: 31

THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 15 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:492306 CAPLUS

DOCUMENT NUMBER: 141:17641

TITLE: Methods and compositions for the prevention and treatment of Alzheimer's disease with intestinal bile acid reuptake inhibitors

PATENT ASSIGNEE(S): Aventis Pharma SA, Fr.

SOURCE: Fr. Demande, 25 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2848452	A1	20040618	FR 2002-15722	20021212
FR 2848452	B1	20070406		
CA 2507945	A1	20040729	CA 2003-2507945	20031210
WO 2004062652	A1	20040729	WO 2003-FR3654	20031210
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003296802	A1	20040810	AU 2003-296802	20031210
EP 1572174	A1	20050914	EP 2003-815109	20031210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003017280	A	20051108	BR 2003-17280	20031210
CN 1726016	A	20060125	CN 2003-80105972	20031210
JP 2006514063	T	20060427	JP 2004-566119	20031210
NZ 540496	A	20080430	NZ 2003-540496	20031210
US 20040138145	A1	20040715	US 2003-734787	20031212
MX 2005005556	A	20050726	MX 2005-5556	20050525
ZA 2005004656	A	20060830	ZA 2005-4656	20050607
IN 2005CN01207	A	20070810	IN 2005-CN1207	20050610
NO 2005003341	A	20050907	NO 2005-3341	20050708
PRIORITY APPLN. INFO.:			FR 2002-15722	A 20021212
			US 2003-455354P	P 20030317
			WO 2003-FR3654	W 20031210

OTHER SOURCE(S): MARPAT 141:17641

AB The invention describe the application of the intestinal biliary acid reuptake inhibitors for the prevention and the treatment of Alzheimer's disease, alone or in conjunction with an HMG-CoA reductase inhibitor , a cholesterol uptake inhibitor, a cholesterol synthesis inhibitor or an inhibitor of APP secretases.

IT 252047-40-8

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

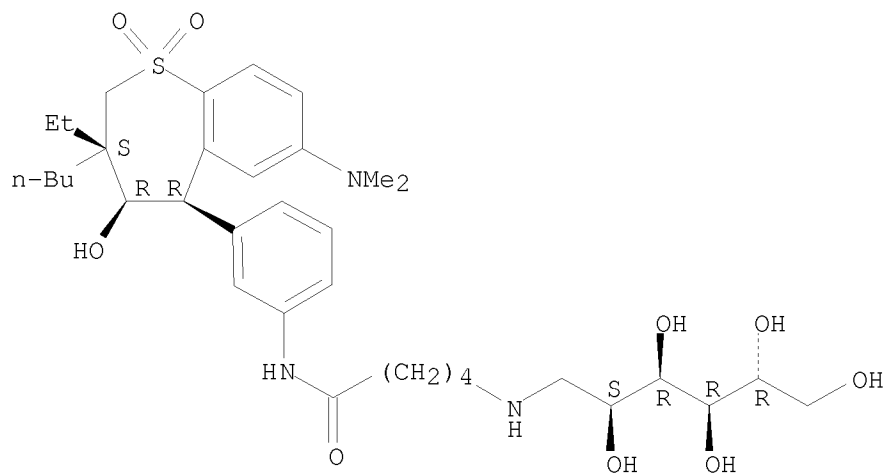
(methods and compns. for prevention and treatment of Alzheimer's disease with intestinal bile acid reuptake inhibitors)

10/590,458

RN 252047-40-8 CAPLUS

CN D-Glucitol, 1-[[5-[[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]amino]-1-deoxy- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

11

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 16 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:153577 CAPLUS

DOCUMENT NUMBER: 140:350330

TITLE: A novel class of apical sodium-dependent bile acid transporter inhibitors: the amphiphilic 4-oxo-1-phenyl-1,4-dihydroquinoline derivatives

AUTHOR(S): Kurata, Hitoshi; Suzuki, Sayaka; Ohhata, Yasuo; Ikeda, Takuya; Hasegawa, Toru; Kitayama, Ken; Inaba, Toshimori; Kono, Keita; Kohama, Takafumi

CORPORATE SOURCE: Research Laboratories, Sankyo Co., Ltd, Hiromachi, Shinagawa-ku, Tokyo, 140-8710, Japan

SOURCE: Bioorganic & Medicinal Chemistry Letters (2004), 14(5), 1183-1186

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB A series of 4-oxo-1-phenyl-1,4-dihydroquinolines possessing a linker and an ammonio moiety were synthesized and found to inhibit the apical sodium-dependent bile acid transporter (ASBT). The potency of ASBT inhibition varied with the position and length of the linking tether. Compound 21e effectively lowered the total serum cholesterol levels in hamsters.

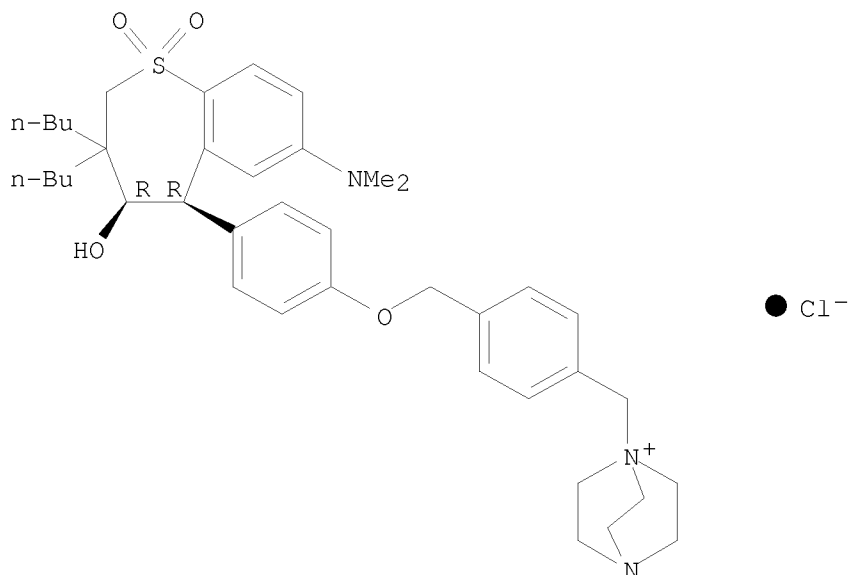
IT 228113-66-4

RL: PAC (Pharmacological activity); BIOL (Biological study)
(amphiphilic hydroquinoline derivs. as apical sodium-dependent bile acid transporter inhibitors)

RN 228113-66-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



10/590,458

OS.CITING REF COUNT:	7	THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT:	11	THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 17 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:60147 CAPLUS

DOCUMENT NUMBER: 140:111291

TITLE: Preparation of substituted 5-aryl-benzothiepinines as ileal bile acid transport and taurocholate uptake inhibitors

INVENTOR(S): Lee, Len F.; Banerjee, Shyamal C.; Huang, Horng Chih; Li, Jinglin J.; Miller, Raymond E.; Reitz, David B.; Tremont, Samuel J.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: U.S. Pat. Appl. Publ., 235 pp., Cont.-in-part of U.S. Ser. No. 831,284.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

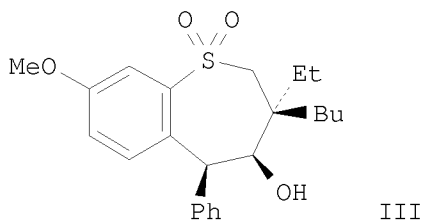
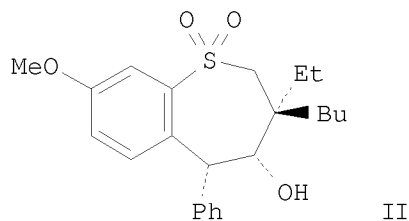
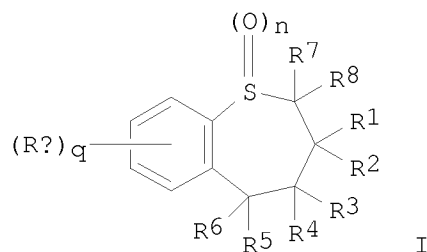
FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040014803	A1	20040122	US 2002-68297	20020208
US 6784201	B2	20040831		
CA 2506703	A1	19970918	CA 1997-2506703	19970311
EP 1440972	A1	20040728	EP 2004-10088	19970311
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
AU 761249	B2	20030529	AU 2000-53394	20000816
US 20020013476	A1	20020131	US 2001-828968	20010409
US 6387924	B2	20020514		
US 20030171426	A1	20030911	US 2002-76091	20020215
US 6642268	B2	20031104		
AU 2003201377	A1	20030612	AU 2003-201377	20030318
US 20040204478	A1	20041014	US 2004-830125	20040423
PRIORITY APPLN. INFO.:			US 1994-305526	B2 19940913
			US 1995-517051	B1 19950821
			US 1996-13119P	P 19960311
			US 1997-816065	A2 19970311
			US 1997-831284	A2 19970331
			US 2001-828968	A3 20010409
			AU 1997-23266	A3 19970311
			CA 1997-2248586	A3 19970311
			EP 1997-915976	A3 19970311
			US 1997-40660P	P 19970311
			US 1997-68170P	P 19971219
			US 1998-109551	A2 19980702
			US 1999-275463	A1 19990324
			US 1999-443403	A1 19991119
			AU 2000-53394	A3 20000816
			US 2000-676466	A3 20000929
			US 2002-68297	A3 20020208

OTHER SOURCE(S): MARPAT 140:111291

GI



AB The title compds. (I) [wherein q = 1-4; n = 0-2; R1, R2 = H, (un)substituted (halo)alkyl, alkenyl, alkynyl, alkylaryl, arylalkyl, alkoxy(alkyl), dialkylamino, alkylthio, (polyalkyl)aryl, or cycloalkyl; or R1 and R2 taken together with the atoms to which they are attached = cycloalkyl; R3, R4 = H, alkyl, alkenyl, alkynyl, acyloxy, aryl, heterocyclyl, OR9, NR9R10, SR9, S(O)R9, SO2R9, or SO3R9; R9, R10 = H, (cyclo)alkyl, alkenyl, alkynyl, aryl(alkyl), acyl, heterocyclyl, or ammoniumalkyl; or R3 and R4 together = :O, :NOR11, :S, :NNR11R12, :NR9, or :CR11R12; R11, R12 = H, (cyclo)alkyl, alkenyl, alkynyl, aryl(alkyl), heterocyclyl, carboxylalkyl, carboalkoxyalkyl, cyanoalkyl, OR9, NR9R10, SR9, S(O)R9, SO2R9, SO3R9, CO2R9, CN, halo, oxo, or CONR9R10; R5, R6 = H, alkyl, aryl, etc.; R7, R8 = H, alkyl; Rx = H, (un)substituted (cyclo)alkyl, alkenyl, alkynyl, polyalkyl, acyloxy, aryl(alkyl), halo(alkyl), (quaternary) heterocyclyl, (quaternary) heteroaryl, polyether, alkoxy, amino, alkylthio, NO2, carboxy, carbamido, etc.] were prepared for the prophylaxis and treatment of hyperlipidemic conditions, such as those associated with atherosclerosis or hypercholesterolemia. Thus, KOBu-t was added to a solution of 2-((2-benzyl-5-methoxyphenylsulfonyl)methyl)-2-ethylhexanal (preparation given) and dry THF cooled to -1.6°C to give, after workup, II and III (96% combined yield). The isomers were separated upon recrystn. II inhibited IBAT-mediated uptake of [14C]-taurocholate in H14 cells with an IC50 of 0.1 μM and reduced serum cholesterol from 143 mg (7%) to 126 mg (2%) compared to control in cholesterol-fed hamsters in a 14-day test. In vitro taurocholate uptake assay data are included for nearly 600 compds. of the invention.

IT	865594-09-8	1064152-87-9	1064152-88-0
	1064152-89-1	1064152-90-4	1064152-92-6
	1064152-94-8	1064152-95-9	1064152-96-0
	1064152-98-2	1064153-00-9	1064153-01-0
	1064153-02-1	1064153-03-2	1064153-05-4
	1064153-07-6	1064153-08-7	1064153-10-1
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1064154-55-7	1064154-56-8	1064154-58-0
1065226-24-5	1065226-41-6	1065226-74-5
1065227-36-2	1065227-80-6	1065228-07-0
1065228-38-7		

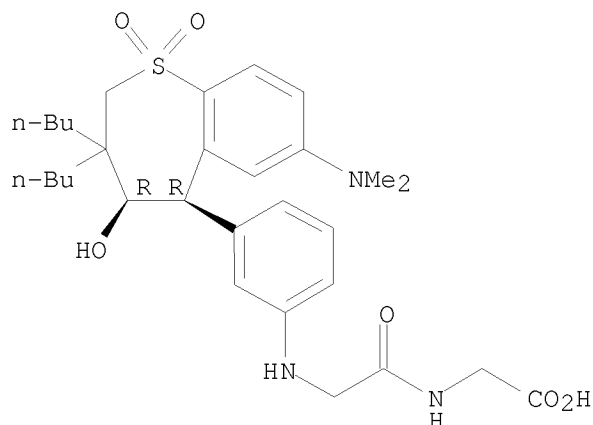
RL: PRPH (Prophetic)

(Preparation of substituted 5-aryl-benzothiepinines as ileal bile acid transport and taurocholate uptake inhibitors)

RN 865594-09-8 CAPLUS

CN Glycine, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]glycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

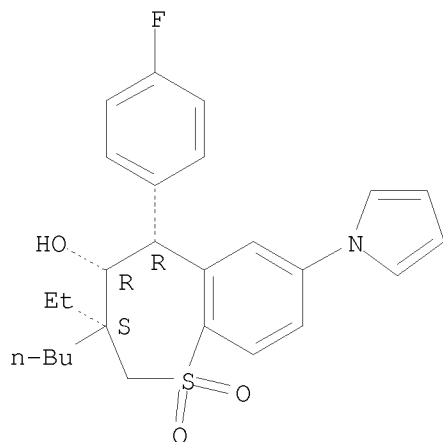


RN 1064152-87-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrrol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

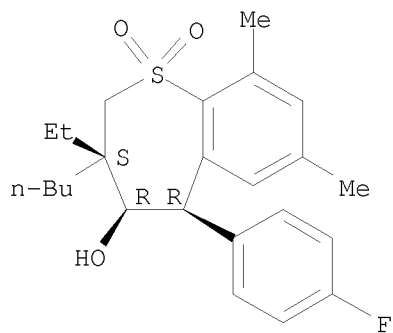
10/590,458



RN 1064152-88-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

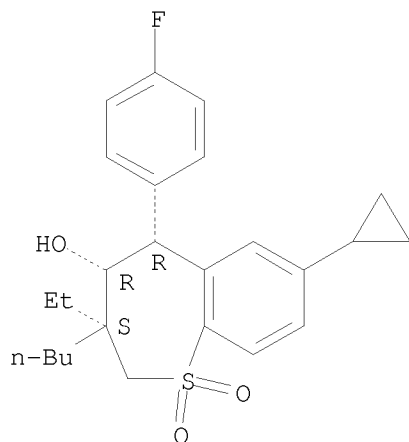


RN 1064152-89-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

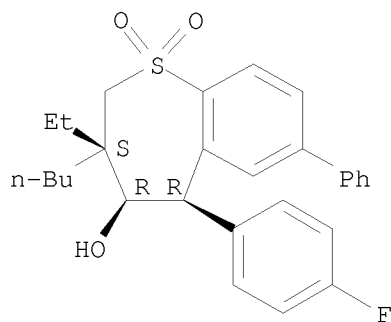
10/590,458



RN 1064152-90-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

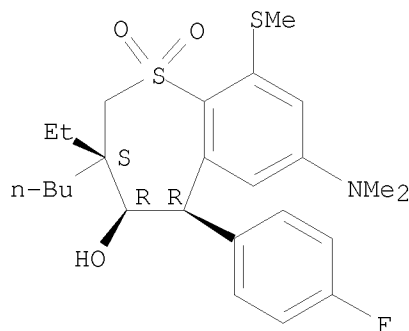
Absolute stereochemistry.



RN 1064152-92-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

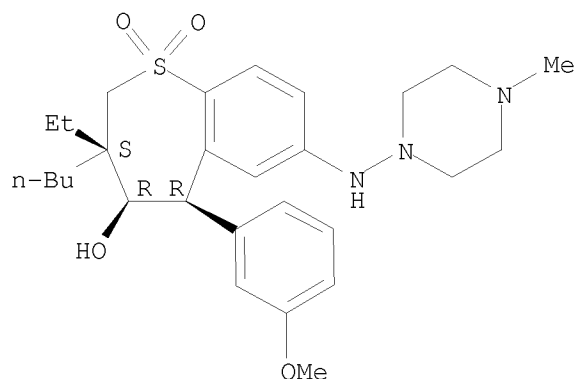


10/590,458

RN 1064152-94-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-[(4-methyl-1-piperazinyl)amino]-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

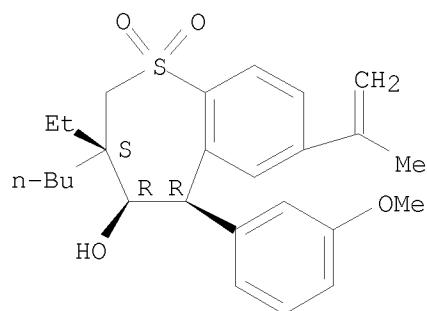
Absolute stereochemistry.



RN 1064152-95-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

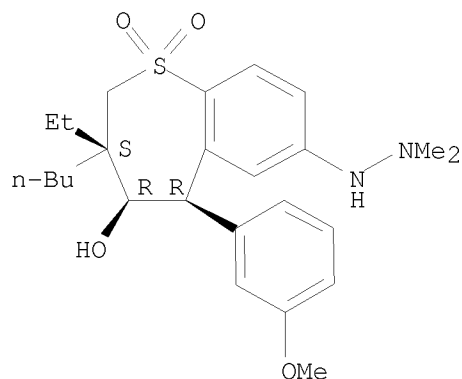


RN 1064152-96-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(2,2-dimethylhydrazinyl)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

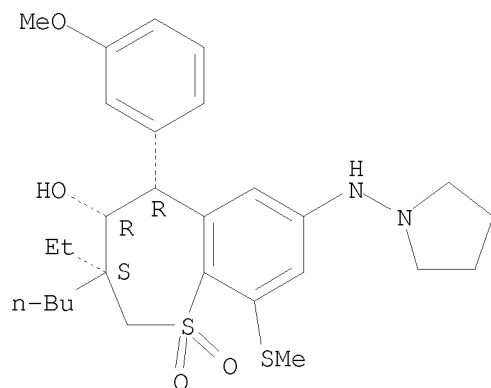
10/590,458



RN 1064152-98-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-7-(1-pyrrolidinylamino)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

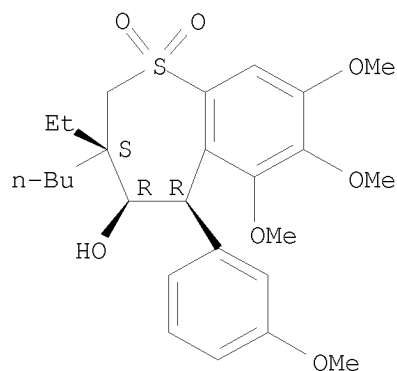


RN 1064153-00-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

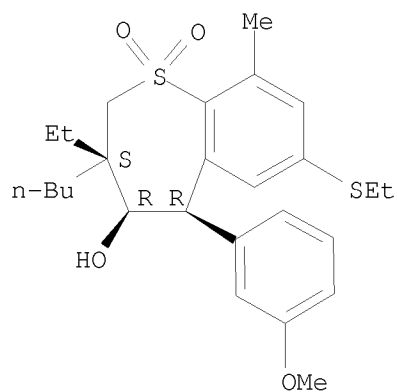
10/590,458



RN 1064153-01-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

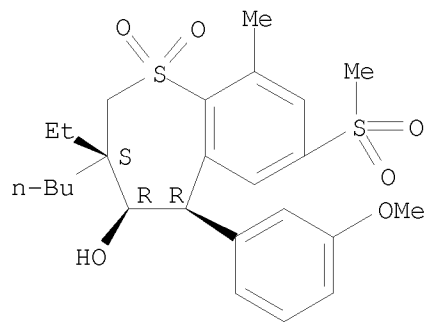
Absolute stereochemistry.



RN 1064153-02-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

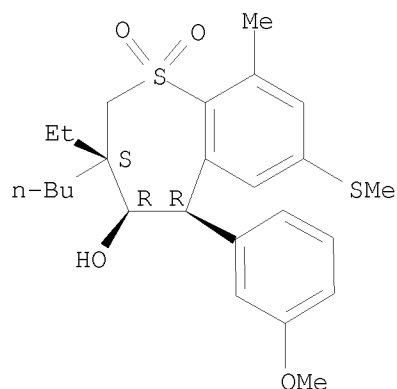


10/590,458

RN 1064153-03-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

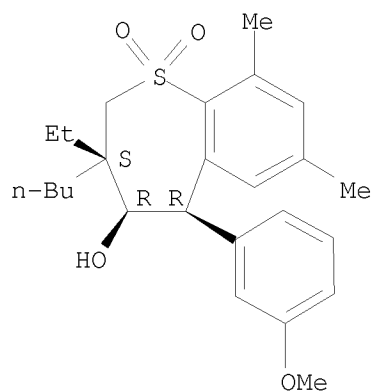
Absolute stereochemistry.



RN 1064153-05-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

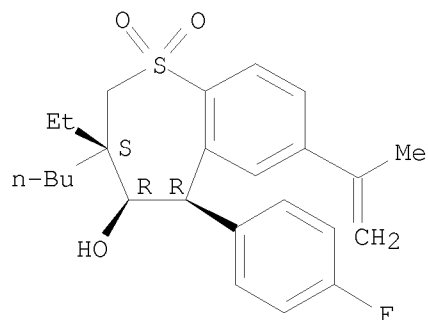


RN 1064153-07-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

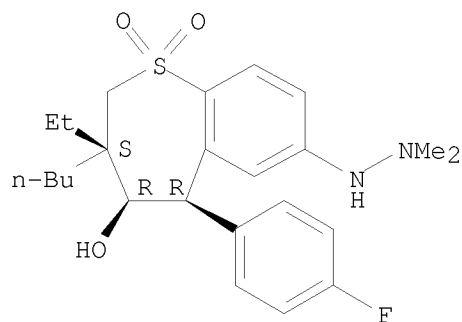
10/590,458



RN 1064153-08-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(2,2-dimethylhydrazinyl)-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

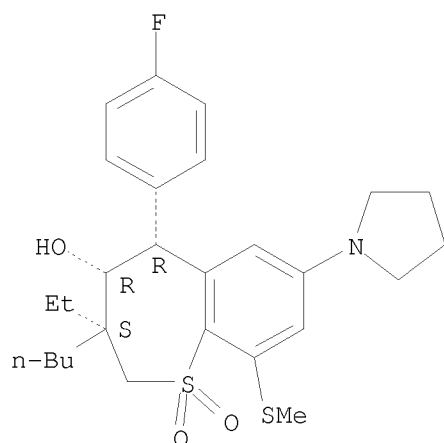
Absolute stereochemistry.



RN 1064153-10-1 CAPLUS

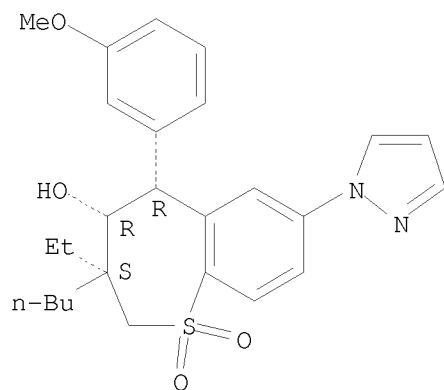
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylthio)-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064153-11-2 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

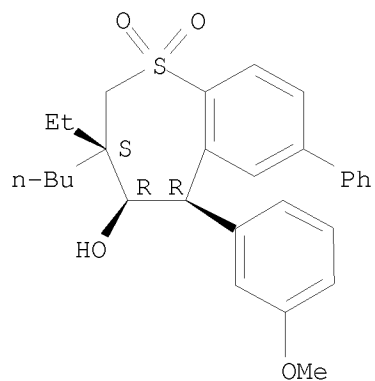
Absolute stereochemistry.



RN 1064153-12-3 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

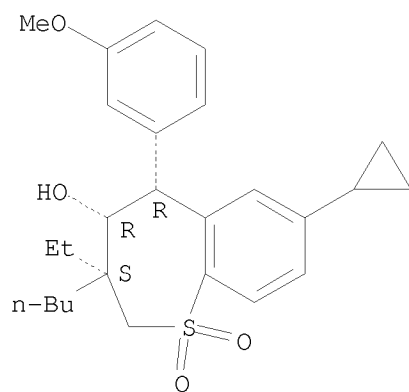
10/590,458



RN 1064153-15-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

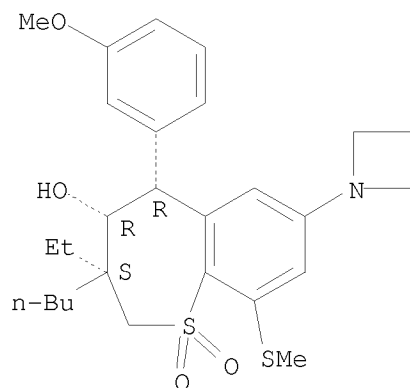


RN 1064153-16-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

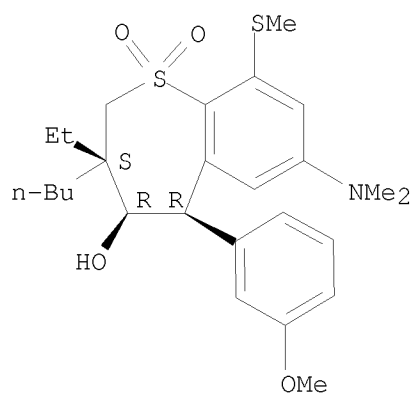
Absolute stereochemistry.

10/590,458



RN 1064153-18-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

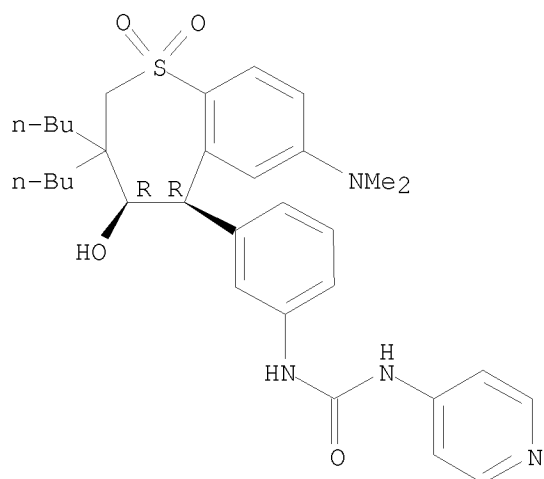
Absolute stereochemistry.



RN 1064153-56-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

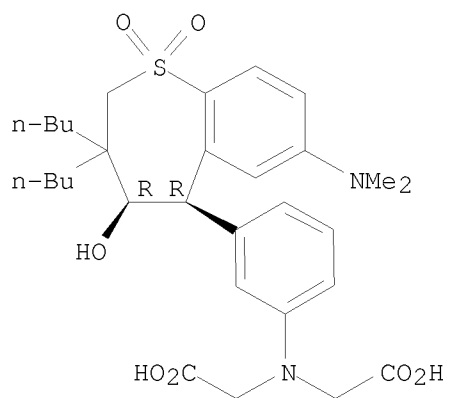
Absolute stereochemistry.

10/590,458



RN 1064153-57-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

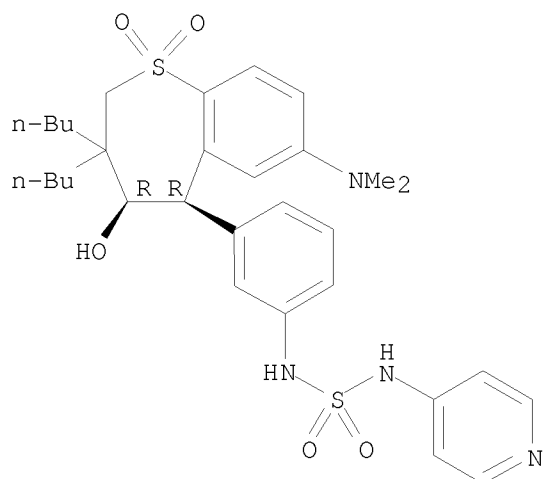
Absolute stereochemistry.



RN 1064153-59-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

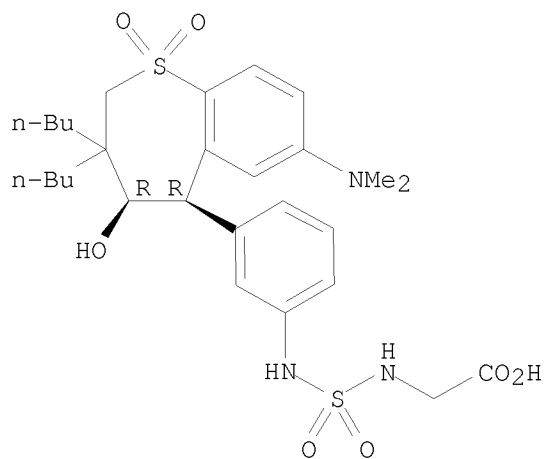
Absolute stereochemistry.

10/590,458



RN 1064153-60-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

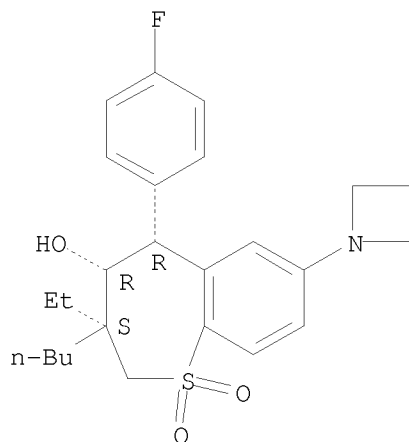
Absolute stereochemistry.



RN 1064153-61-2 CAPLUS
CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

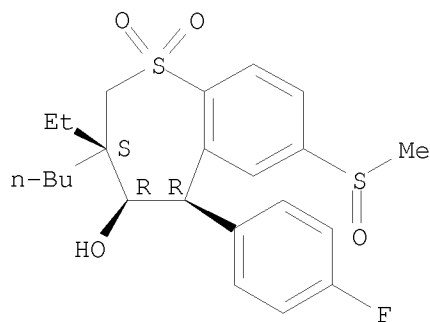
10/590,458



RN 1064153-62-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

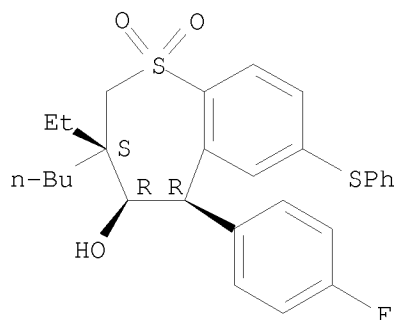
Absolute stereochemistry.



RN 1064153-63-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

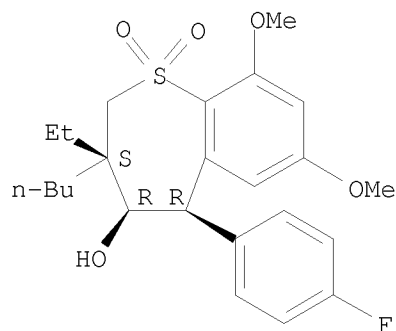


10/590,458

RN 1064153-64-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

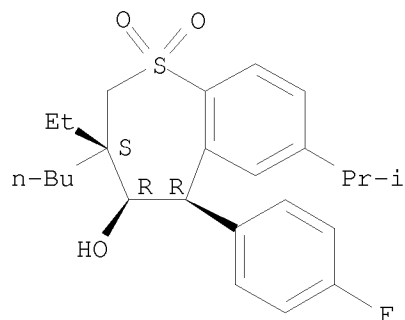
Absolute stereochemistry.



RN 1064153-65-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

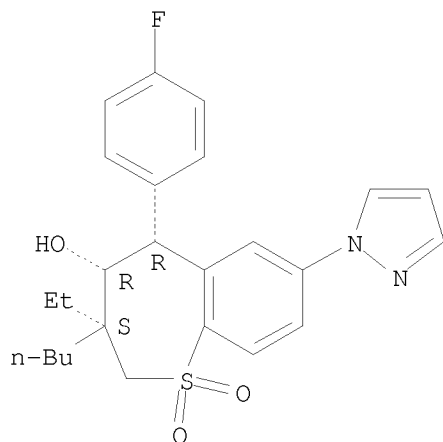


RN 1064153-66-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

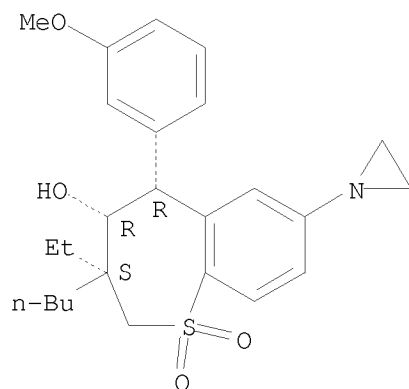
10/590,458



RN 1064153-67-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

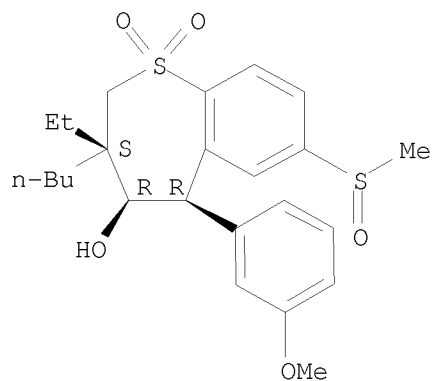


RN 1064153-68-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

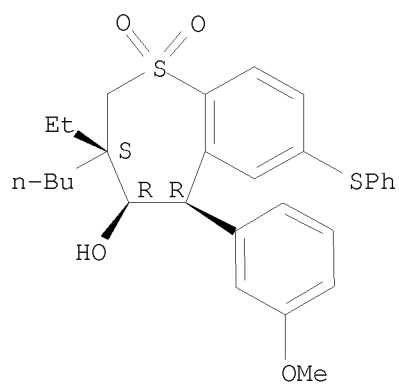
10/590,458



RN 1064153-69-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

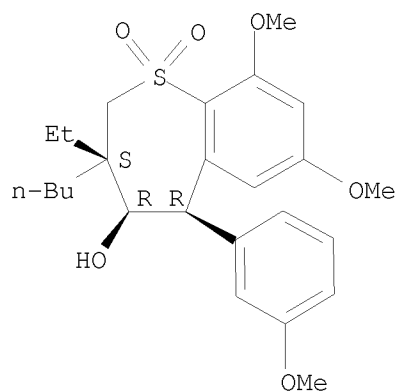


RN 1064153-70-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7,9-dimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

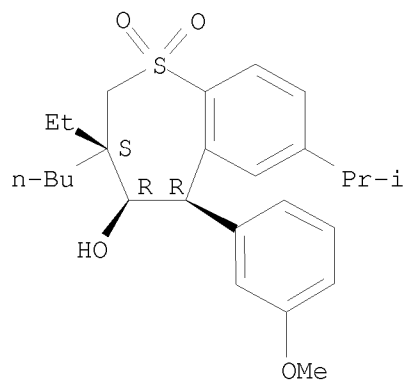
10/590,458



RN 1064153-71-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

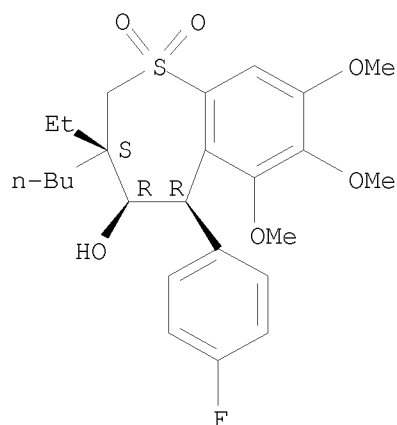


RN 1064153-72-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-6,7,8-trimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

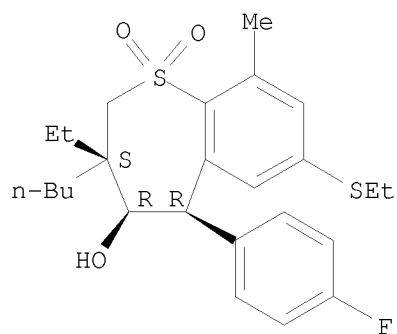
Absolute stereochemistry.

10/590,458



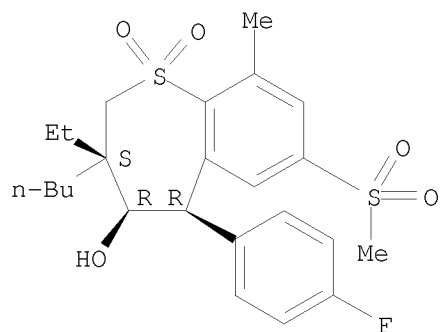
RN 1064153-73-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064153-74-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

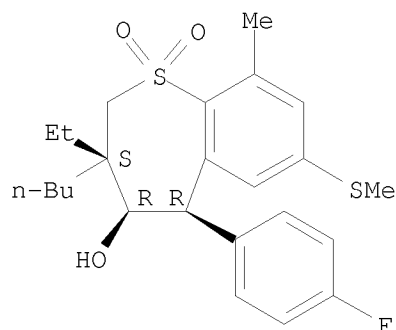


10/590,458

RN 1064153-75-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

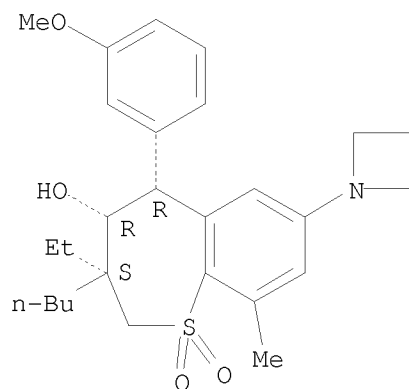
Absolute stereochemistry.



RN 1064153-77-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

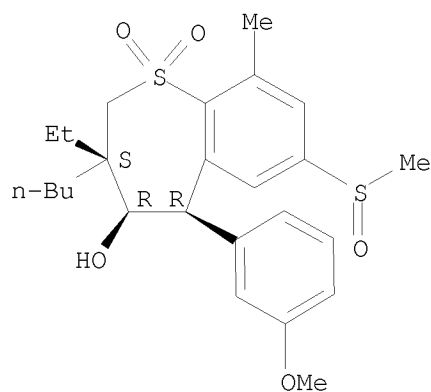


RN 1064153-78-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

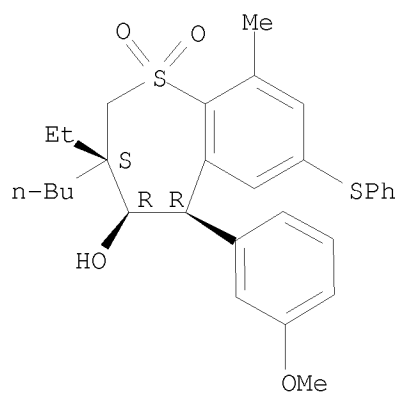
10/590,458



RN 1064153-79-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

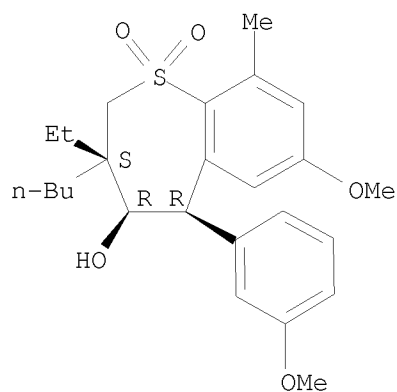


RN 1064153-80-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

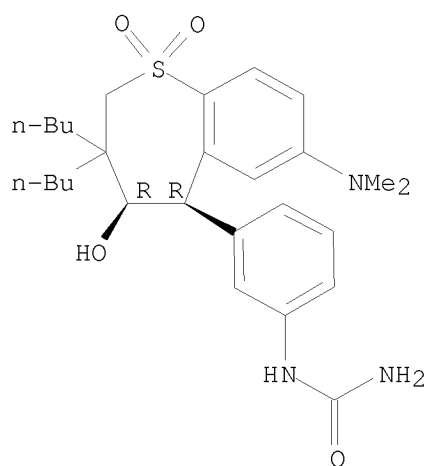
Absolute stereochemistry.

10/590,458



RN 1064154-34-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

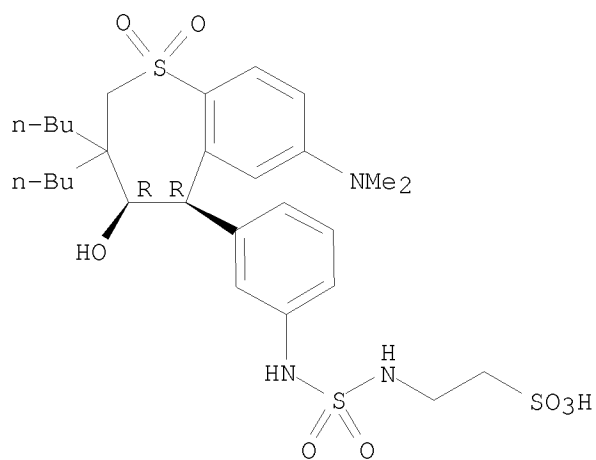
Absolute stereochemistry.



RN 1064154-35-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

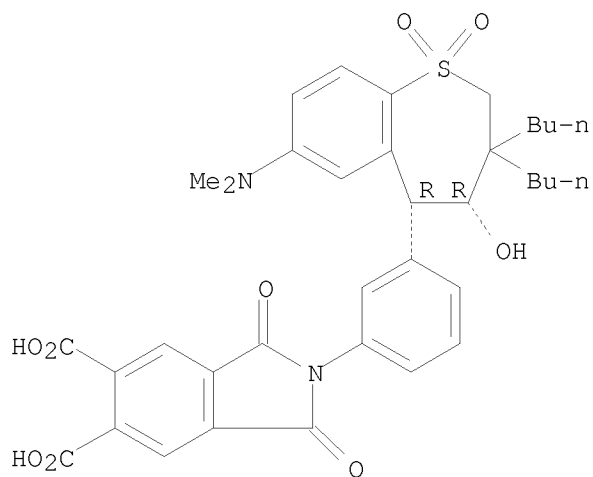
Absolute stereochemistry.

10/590,458



RN 1064154-36-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

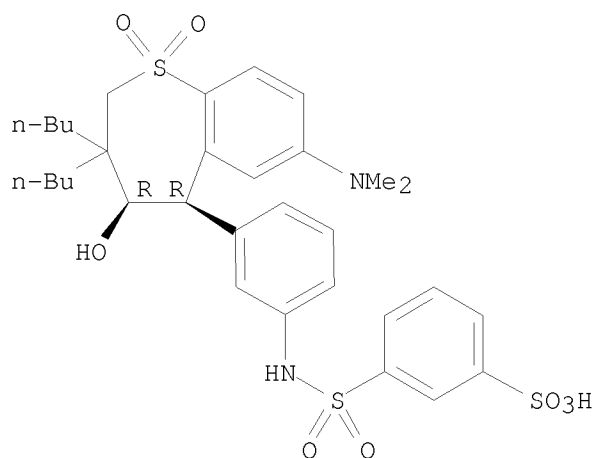
Absolute stereochemistry.



RN 1064154-37-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

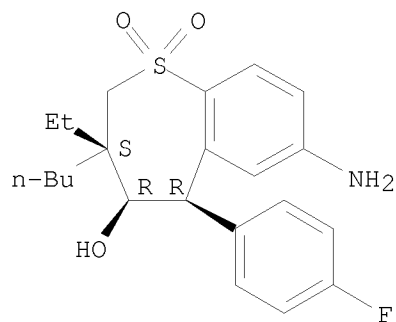
10/590,458



RN 1064154-40-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

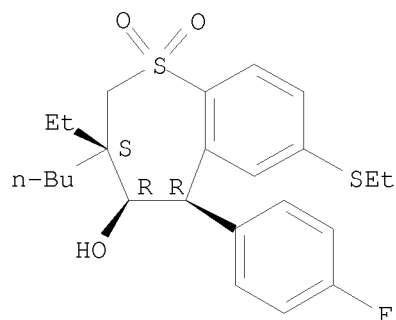
Absolute stereochemistry.



RN 1064154-41-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

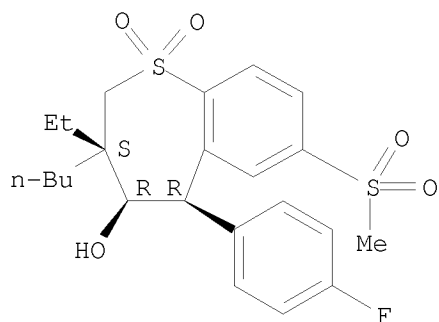


10/590,458

RN 1064154-42-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

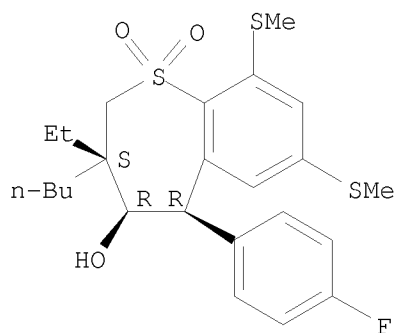
Absolute stereochemistry.



RN 1064154-43-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

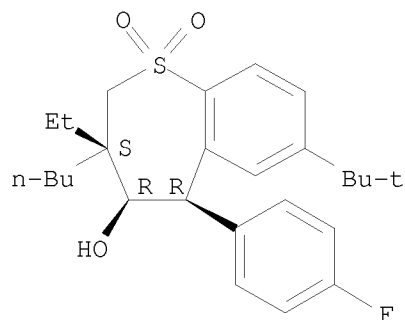


RN 1064154-45-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

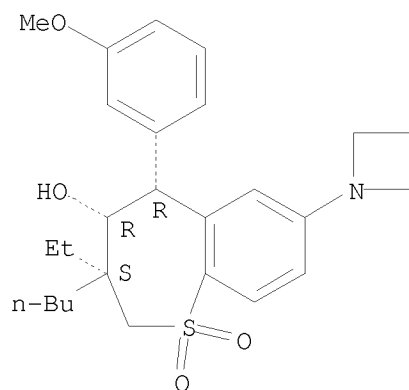
10/590,458



RN 1064154-46-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidinyl)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

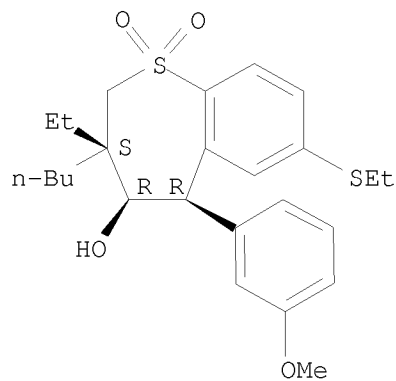
Absolute stereochemistry.



RN 1064154-47-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

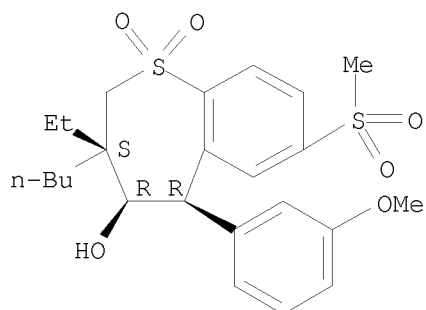
Absolute stereochemistry.



10/590,458

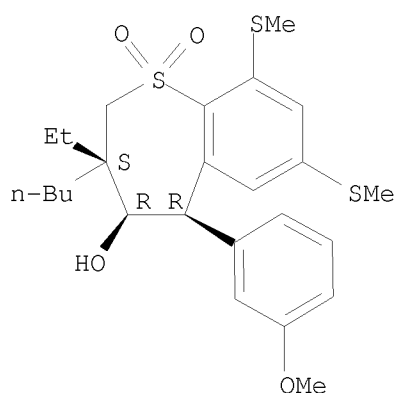
RN 1064154-48-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064154-49-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

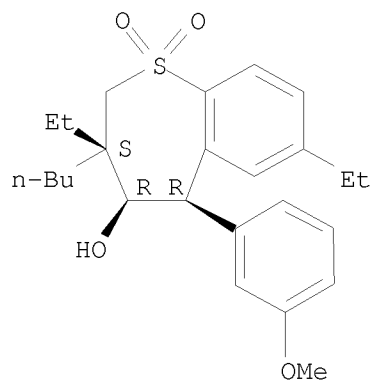
Absolute stereochemistry.



RN 1064154-50-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3,7-diethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

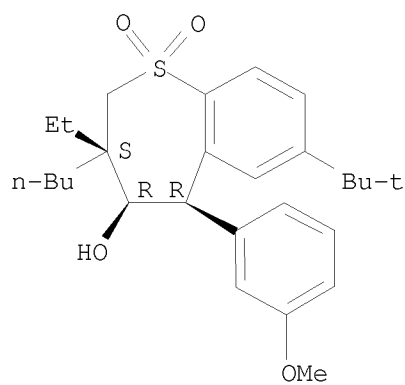
10/590,458



RN 1064154-52-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

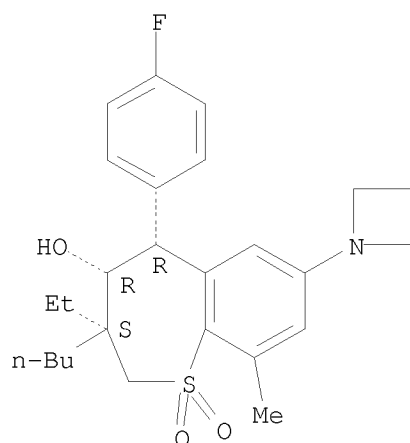


RN 1064154-53-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

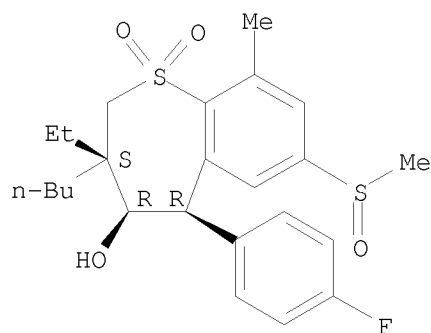
10/590,458



RN 1064154-54-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

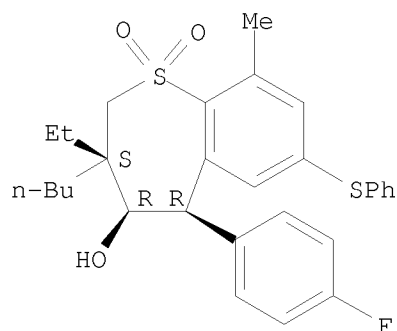


RN 1064154-55-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

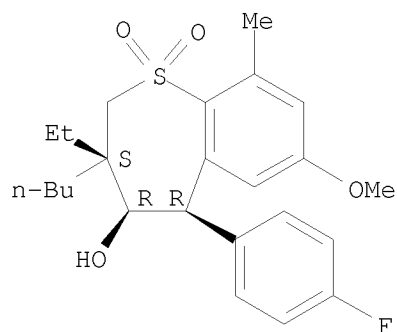
10/590,458



RN 1064154-56-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

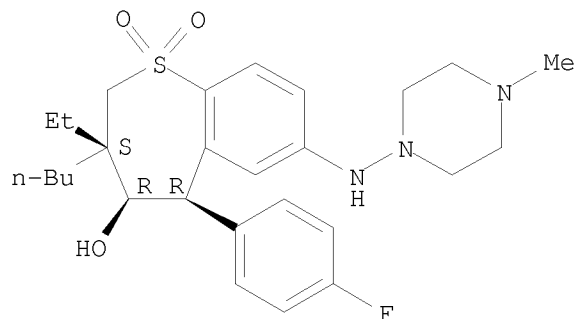
Absolute stereochemistry.



RN 1064154-58-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-[(4-methyl-1-piperazinyl)amino]-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



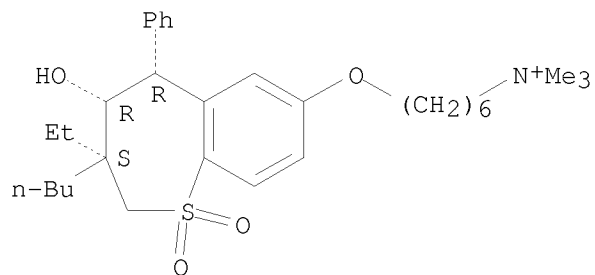
RN 1065226-24-5 CAPLUS

CN 1-Hexanaminium, 6-[(3S,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-

10/590,458

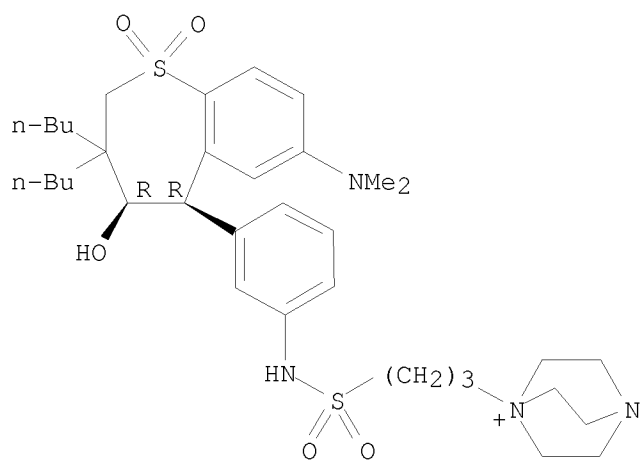
hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]oxy]-N,N,N-trimethyl-,
iodide (1:1) (CA INDEX NAME)

Absolute stereochemistry.



RN 1065226-41-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

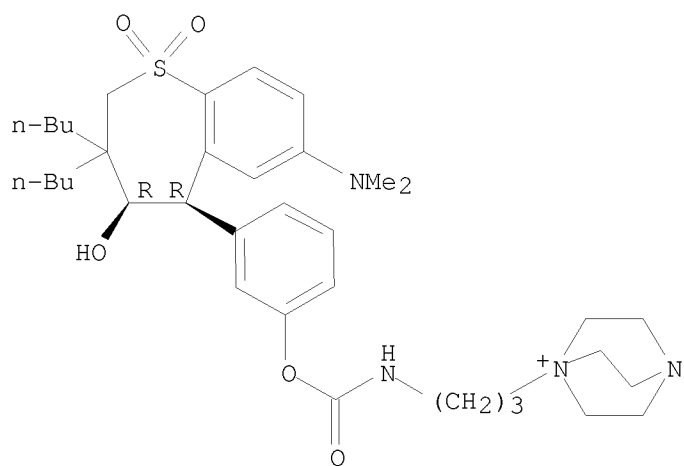
Absolute stereochemistry.



RN 1065226-74-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

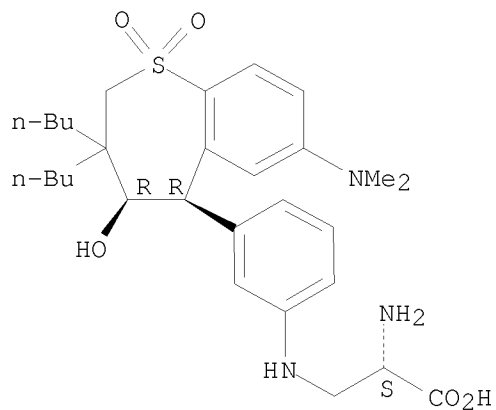
Absolute stereochemistry.

10/590,458



RN 1065227-36-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

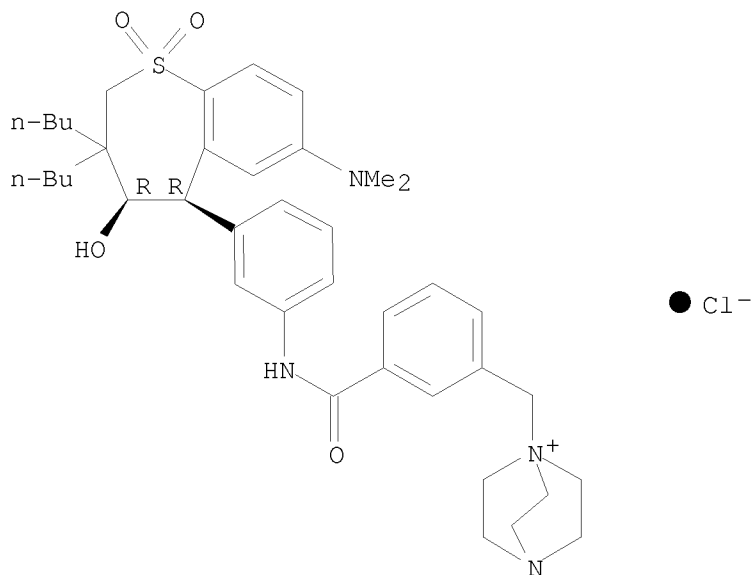
Absolute stereochemistry.



RN 1065227-80-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

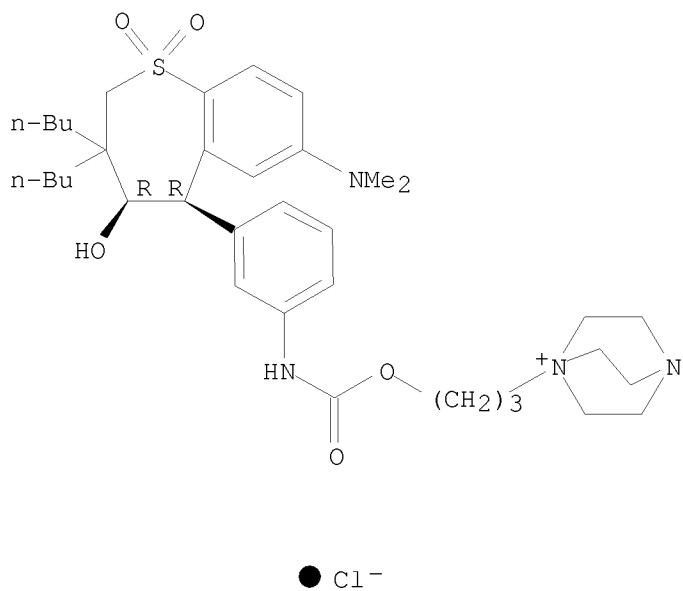
Absolute stereochemistry.

10/590,458



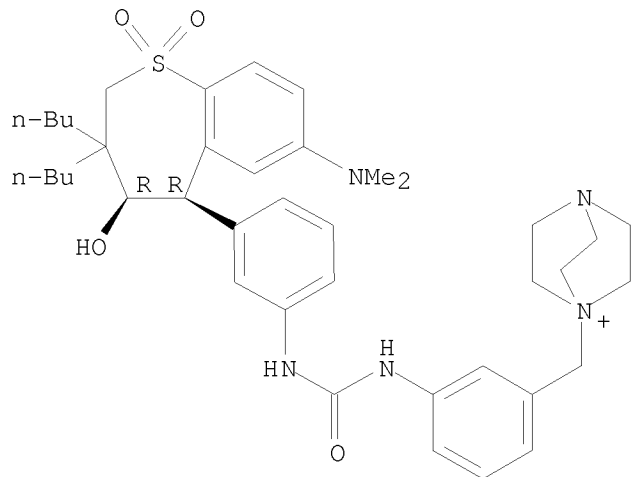
RN 1065228-07-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1065228-38-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● Cl⁻

IT	178678-25-6P	178678-26-7P	178678-27-8P
	178678-46-1P	178897-97-7P	178898-00-5P
	178898-05-0P	197372-71-7P	197372-76-2P
	197372-77-3P	197372-78-4P	197373-42-5P
	197373-43-6P	197373-44-7P	197373-47-0P
	197373-49-2P	197373-50-5P	197373-51-6P
	197373-55-0P	197373-56-1P	197373-57-2P
	197373-58-3P	197375-48-7P	197375-49-8P

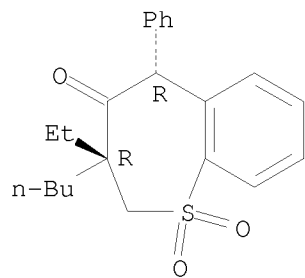
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(hypolipemic agent; preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 178678-25-6 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-, 1,1-dioxide, (3R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

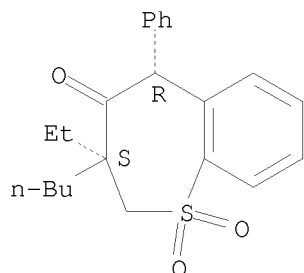


RN 178678-26-7 CAPLUS

10/590,458

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5S)-rel- (CA INDEX NAME)

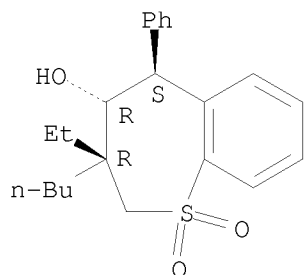
Relative stereochemistry.



RN 178678-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

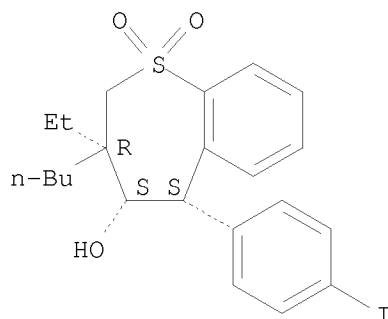
Relative stereochemistry.



RN 178678-46-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-iodophenyl)-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

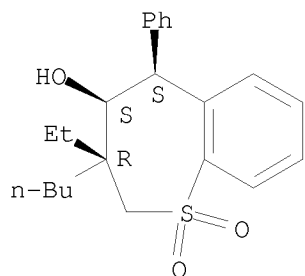


RN 178897-97-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

10/590,458

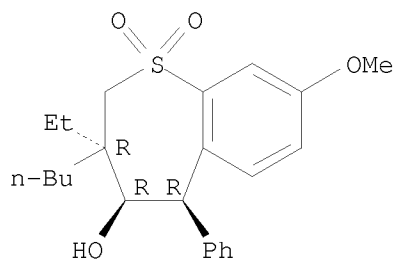
Relative stereochemistry.



RN 178898-00-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

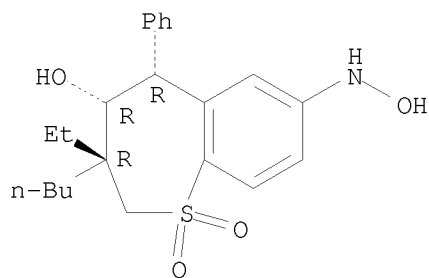
Relative stereochemistry.



RN 178898-05-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

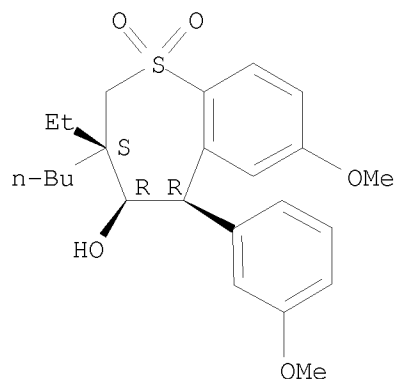
Relative stereochemistry.



RN 197372-71-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

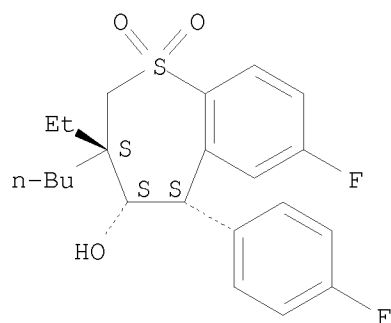
Relative stereochemistry.



RN 197372-76-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

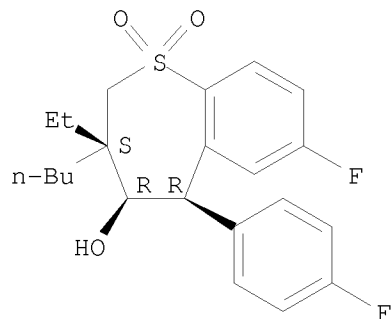
Relative stereochemistry.



RN 197372-77-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

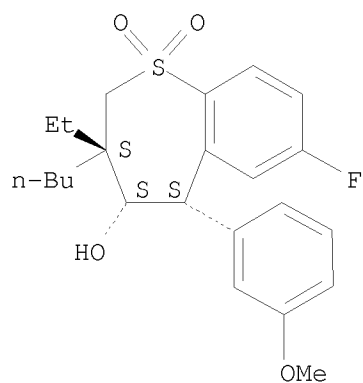


RN 197372-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

10/590,458

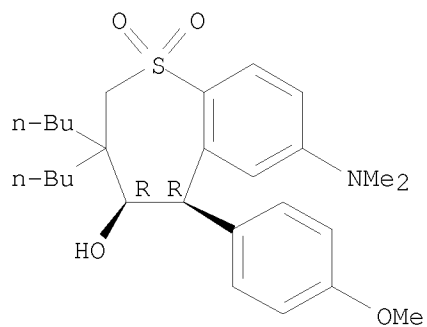
Relative stereochemistry.



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

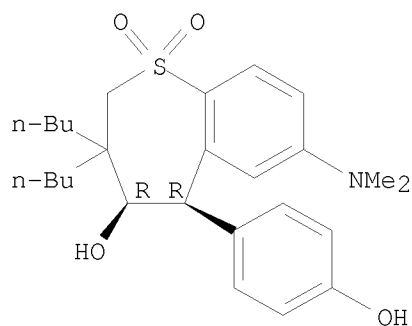
Relative stereochemistry.



RN 197373-43-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

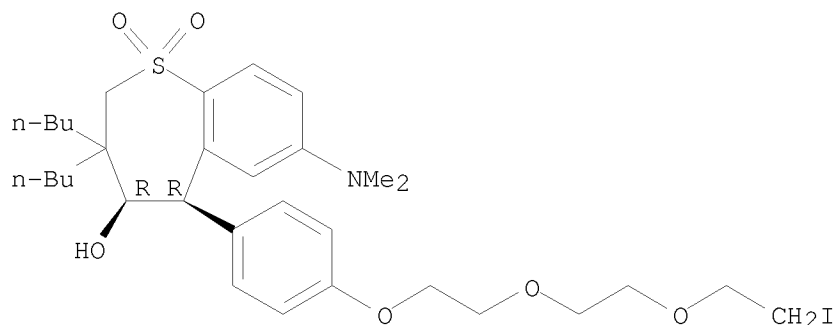


RN 197373-44-7 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

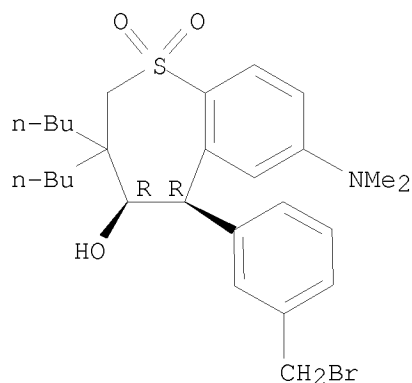
Relative stereochemistry.



RN 197373-47-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

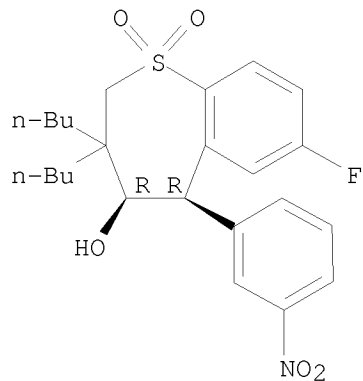


RN 197373-49-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

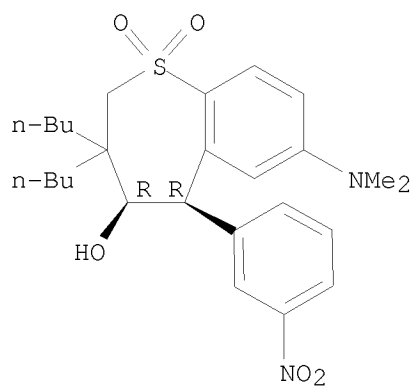
10/590,458



RN 197373-50-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

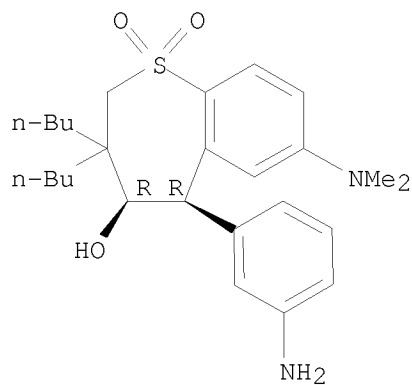
Relative stereochemistry.



RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

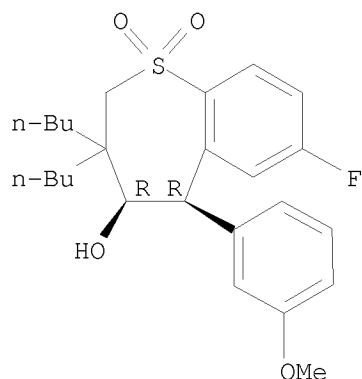


10/590,458

RN 197373-55-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

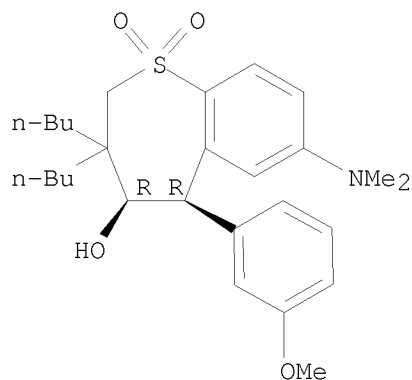
Relative stereochemistry.



RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

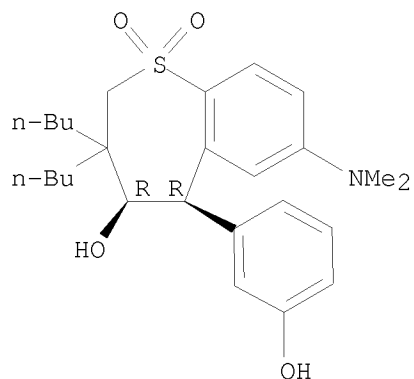


RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

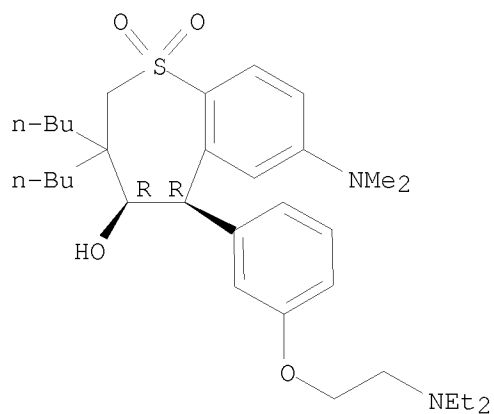
10/590,458



RN 197373-58-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-[2-(diethylamino)ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

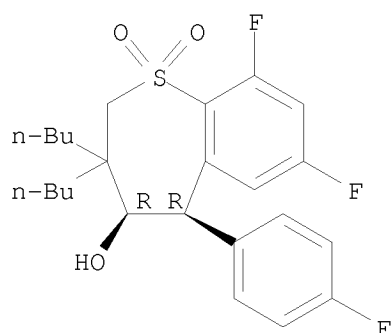
Relative stereochemistry.



RN 197375-48-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

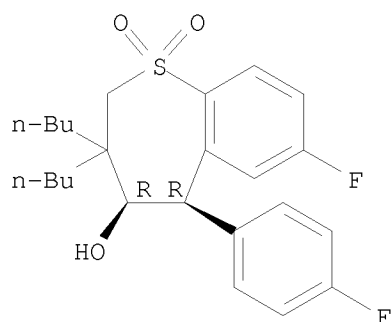
Relative stereochemistry.



RN 197375-49-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT	178678-39-2P	178678-40-5P	178678-41-6P
	178678-42-7P	178678-43-8P	178678-44-9P
	178678-45-0P	178678-47-2P	178678-48-3P
	178678-54-1P	178897-95-5P	178897-96-6P
	178898-01-6P	178898-02-7P	178898-04-9P
	197372-69-3P	197372-70-6P	197372-72-8P
	197372-73-9P	197372-74-0P	197372-75-1P
	197372-79-5P	197372-80-8P	197372-81-9P
	197372-82-0P	197372-83-1P	197372-84-2P
	197372-85-3P	197372-86-4P	197372-87-5P
	197372-88-6P	197372-89-7P	197372-90-0P
	197372-91-1P	197372-92-2P	197372-93-3P
	197372-94-4P	197372-95-5P	197372-96-6P
	197372-97-7P	197372-98-8P	197372-99-9P
	197373-00-5P	197373-01-6P	197373-02-7P
	197373-03-8P	197373-04-9P	197373-05-0P
	197373-06-1P	197373-07-2P	197373-08-3P
	197373-09-4P	197373-10-7P	197373-11-8P
	197373-12-9P	197373-13-0P	197373-14-1P
	197373-16-3P	197373-17-4P	197373-18-5P
	197373-19-6P	197373-20-9P	197373-22-1P
	197373-24-3P	197373-25-4P	197373-26-5P
	197373-27-6P	197373-28-7P	197373-29-8P

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197373-70-9P	197373-71-0P	197373-72-1P
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197373-93-6P	197373-95-8P	197373-97-0P
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197375-66-9P	197375-68-1P	197375-70-5P
197375-72-7P	197375-74-9P	197375-75-0P
197375-82-9P	197375-86-3P	197375-89-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

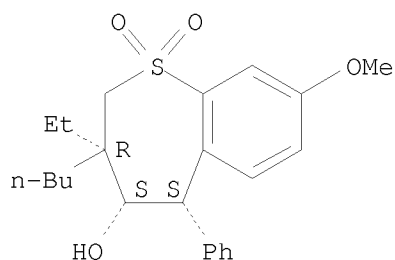
(Uses)

(hypolipemic agent; preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 178678-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

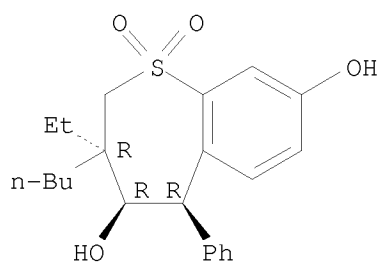
Relative stereochemistry.



RN 178678-40-5 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

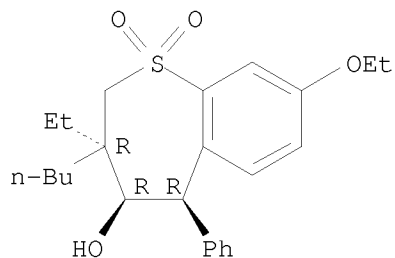
Relative stereochemistry.



RN 178678-41-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



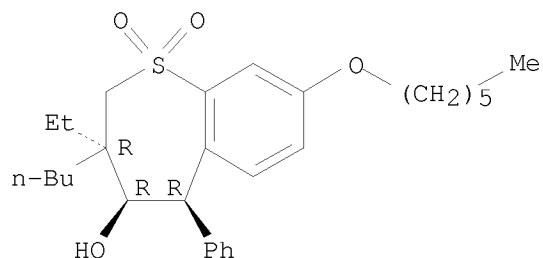
RN 178678-42-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-8-(hexyloxy)-2,3,4,5-tetrahydro-5-

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phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

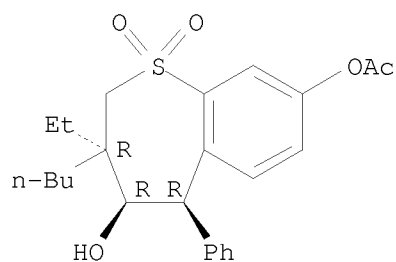
Relative stereochemistry.



RN 178678-43-8 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 8-acetate, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

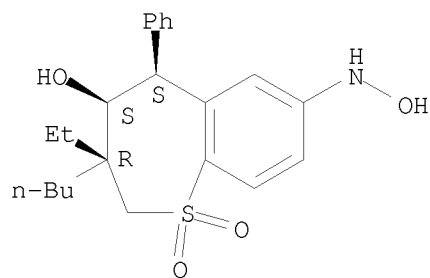
Relative stereochemistry.



RN 178678-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

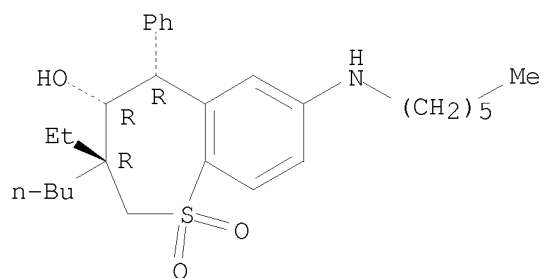


RN 178678-45-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

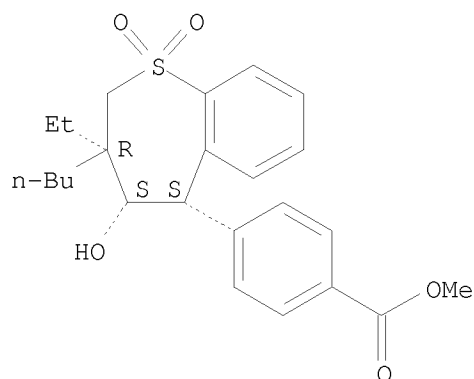
10/590,458



RN 178678-47-2 CAPLUS

CN Benzoic acid, 4-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

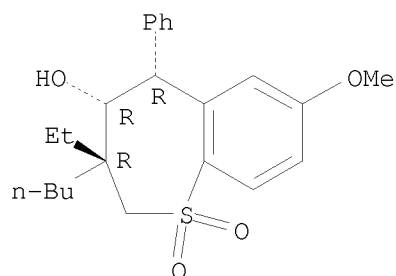
Relative stereochemistry.



RN 178678-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

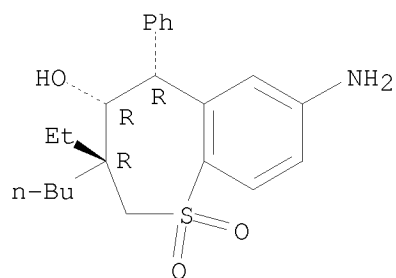


RN 178678-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

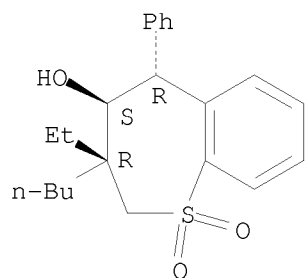
Relative stereochemistry.

10/590,458



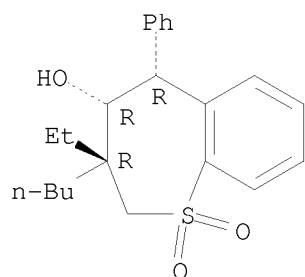
RN 178897-95-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178897-96-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

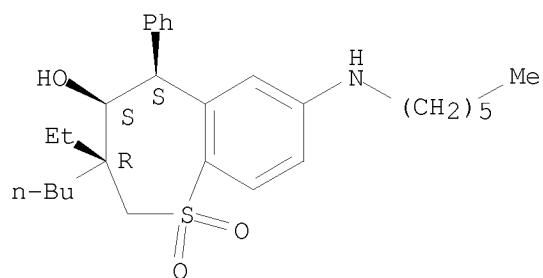
Relative stereochemistry.



RN 178898-01-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-
phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

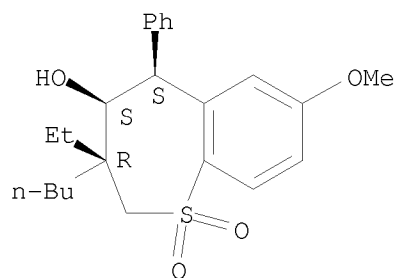
10/590,458



RN 178898-02-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

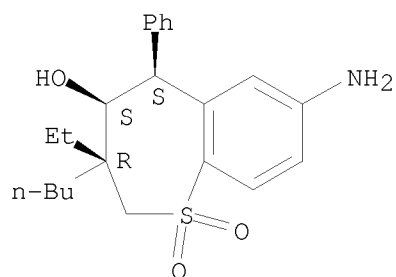
Relative stereochemistry.



RN 178898-04-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

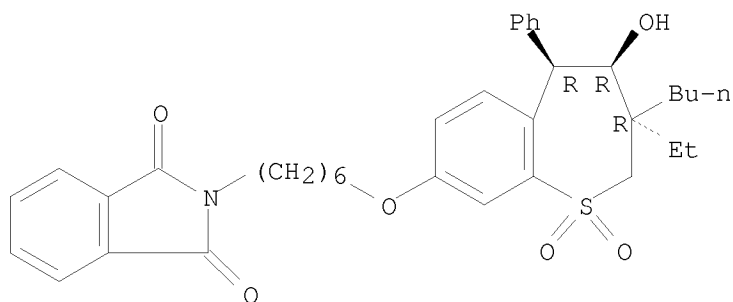


RN 197372-69-3 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

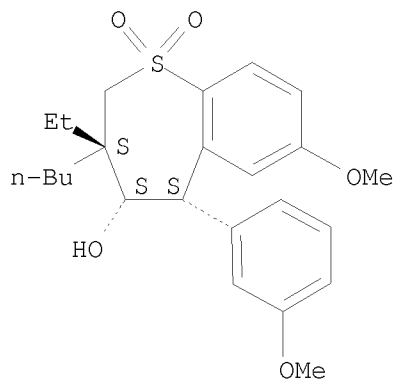
10/590,458



RN 197372-70-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

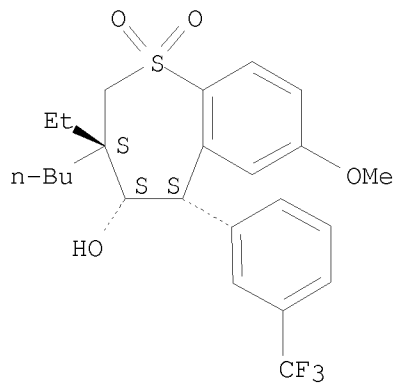
Relative stereochemistry.



RN 197372-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

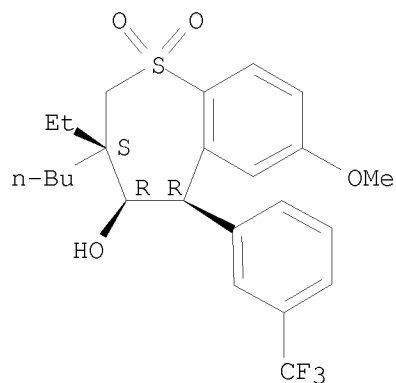


RN 197372-73-9 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

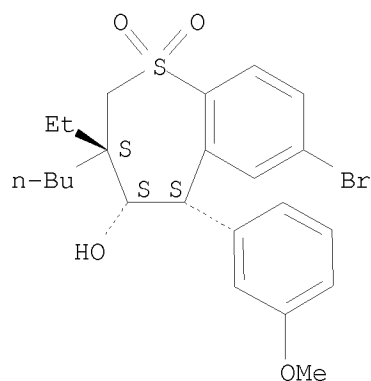
Relative stereochemistry.



RN 197372-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

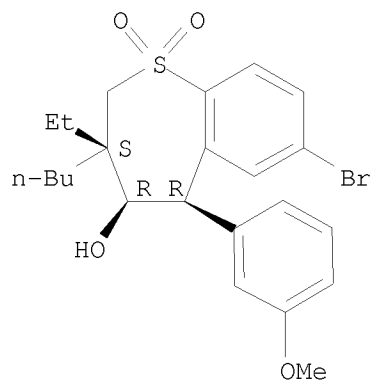


RN 197372-75-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

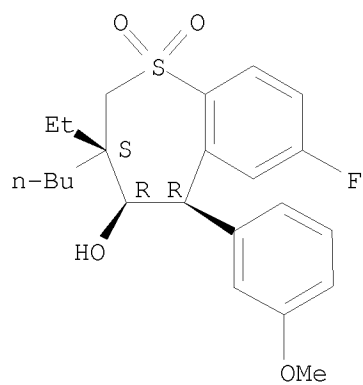
10/590,458



RN 197372-79-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

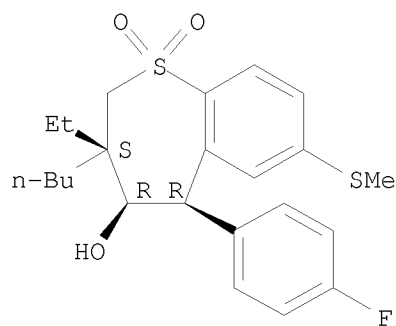
Relative stereochemistry.



RN 197372-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

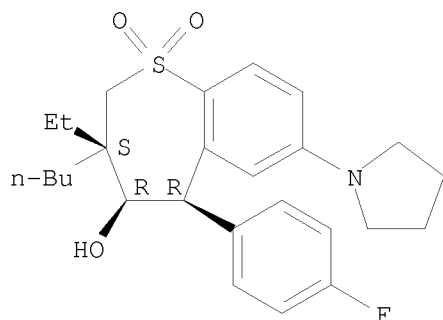


RN 197372-81-9 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

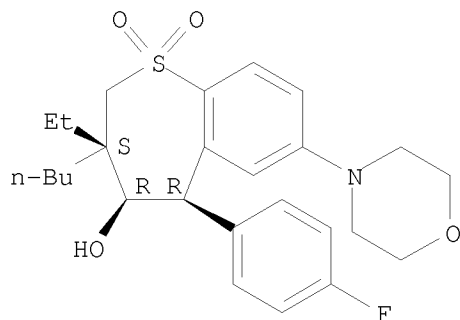
Relative stereochemistry.



RN 197372-82-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

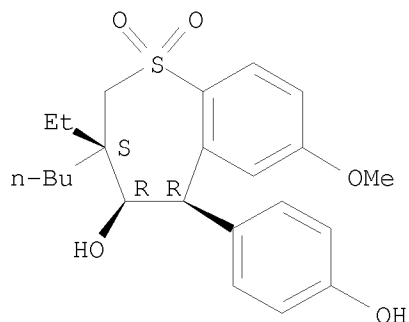
Relative stereochemistry.



RN 197372-83-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

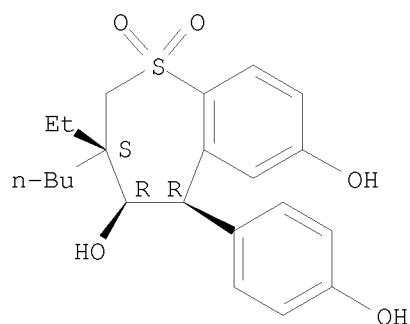


RN 197372-84-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

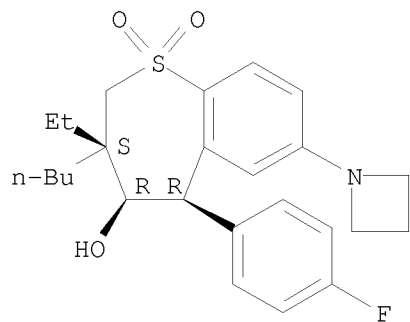
Relative stereochemistry.



RN 197372-85-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

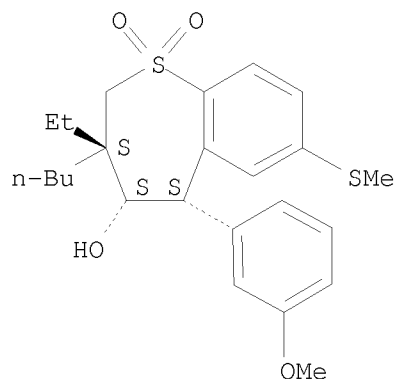


RN 197372-86-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

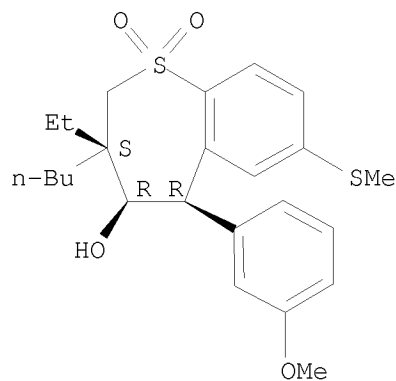
Relative stereochemistry.

10/590,458



RN 197372-87-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

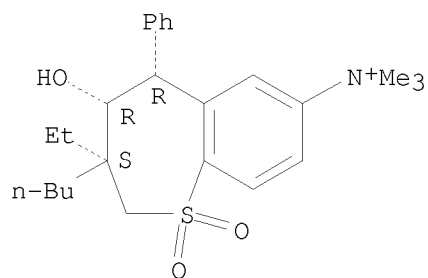
Relative stereochemistry.



RN 197372-88-6 CAPLUS
CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

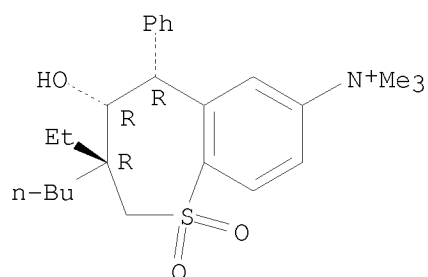
10/590,458



RN 197372-89-7 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4R,5R)-rel- (9CI) (CA INDEX NAME)

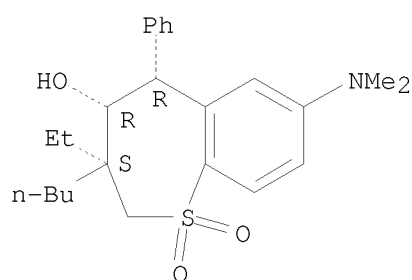
Relative stereochemistry.



RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

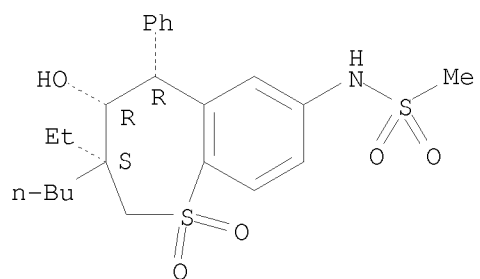


10/590,458

RN 197372-91-1 CAPLUS

CN Methanesulfonamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

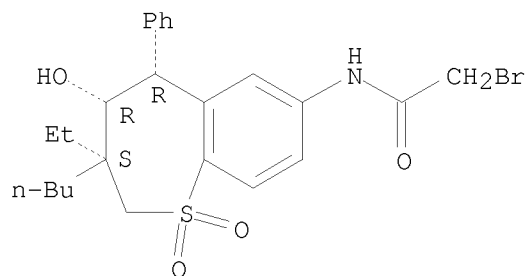
Relative stereochemistry.



RN 197372-92-2 CAPLUS

CN Acetamide, 2-bromo-N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

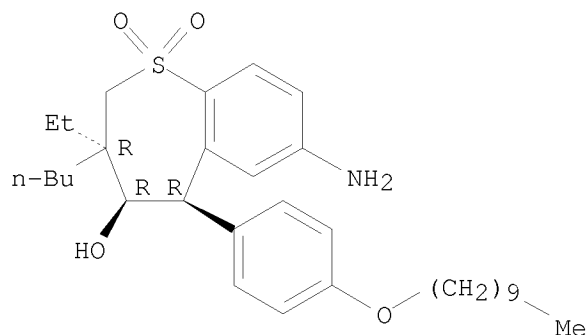
Relative stereochemistry.



RN 197372-93-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

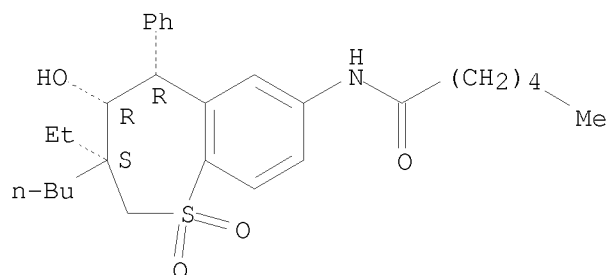


10/590,458

RN 197372-94-4 CAPLUS

CN Hexanamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

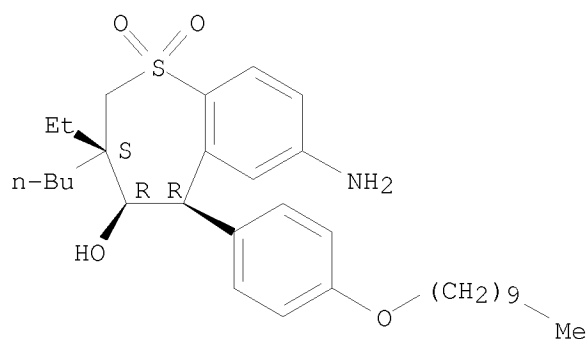
Relative stereochemistry.



RN 197372-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

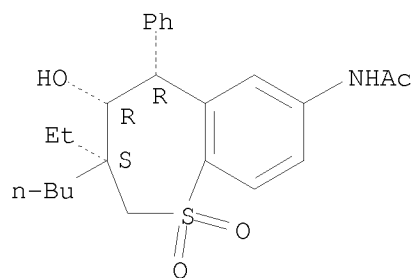
Relative stereochemistry.



RN 197372-96-6 CAPLUS

CN Acetamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

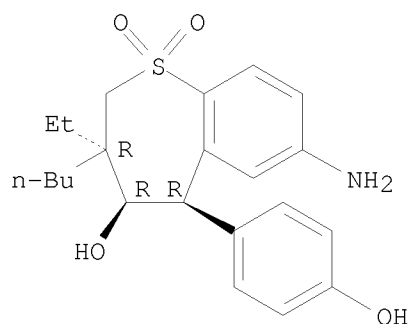


RN 197372-97-7 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

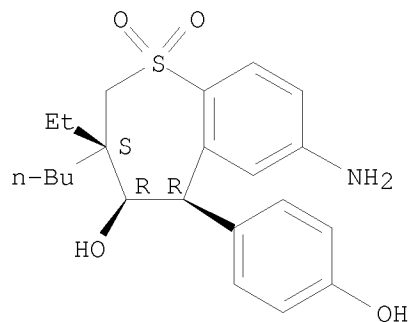
Relative stereochemistry.



RN 197372-98-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

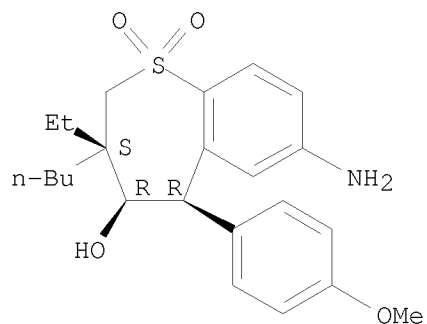
Relative stereochemistry.



RN 197372-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

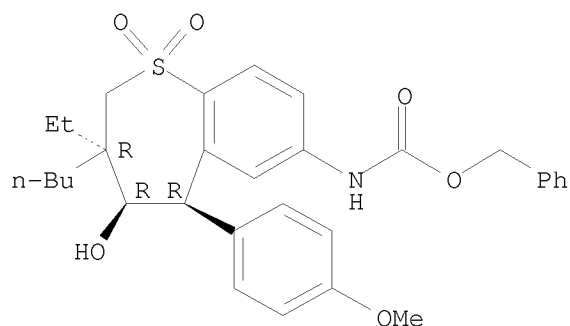


RN 197373-00-5 CAPLUS

10/590,458

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

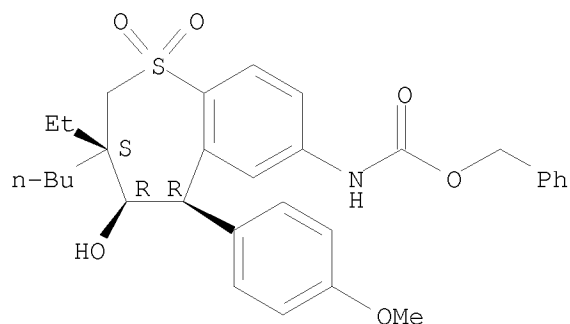
Relative stereochemistry.



RN 197373-01-6 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

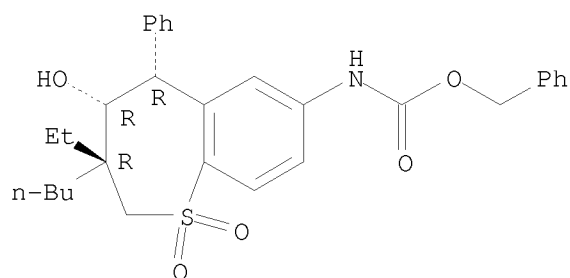
Relative stereochemistry.



RN 197373-02-7 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

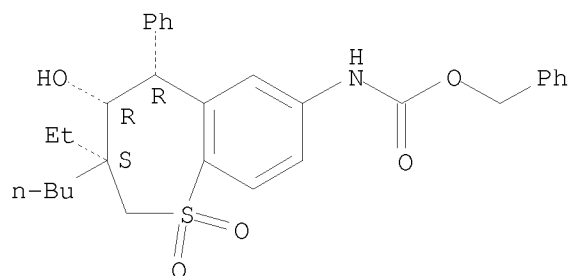


10/590,458

RN 197373-03-8 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

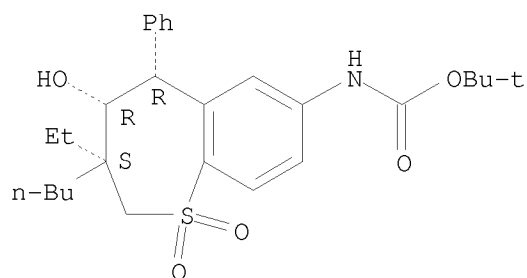
Relative stereochemistry.



RN 197373-04-9 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

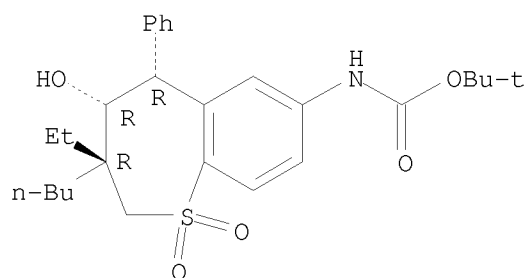
Relative stereochemistry.



RN 197373-05-0 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

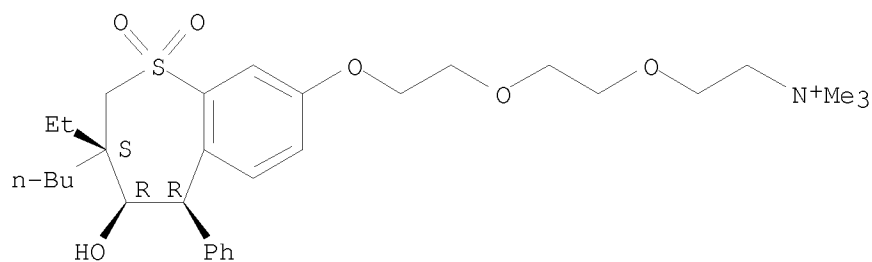


10/590,458

RN 197373-06-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

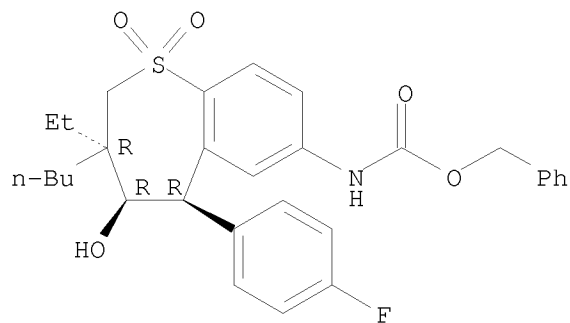
Relative stereochemistry.



RN 197373-07-2 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

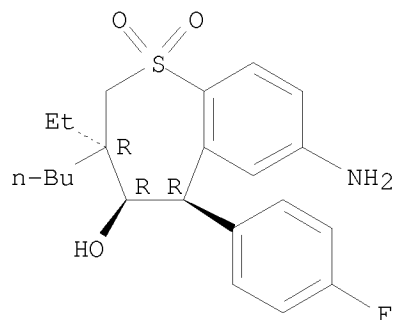
Relative stereochemistry.



RN 197373-08-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

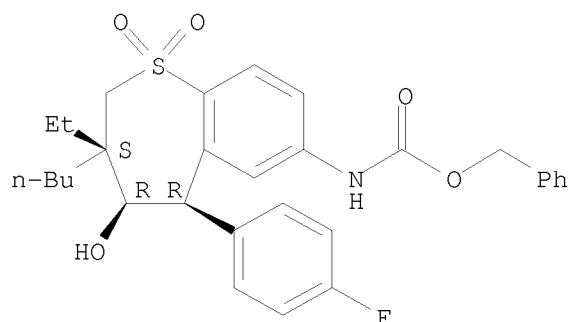
Relative stereochemistry.



RN 197373-09-4 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

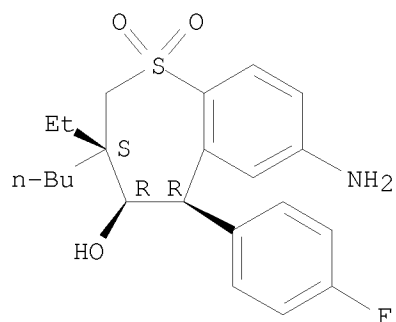
Relative stereochemistry.



RN 197373-10-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

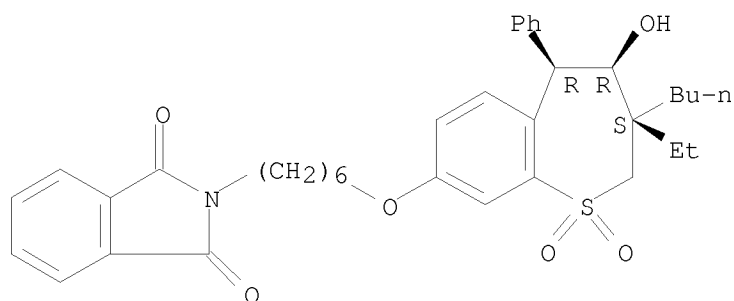


RN 197373-11-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

10/590,458

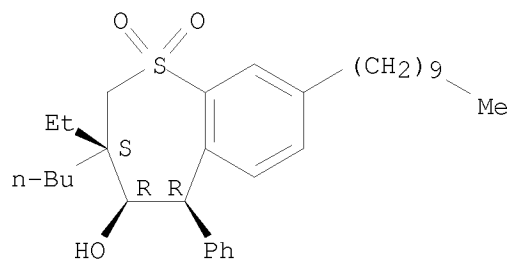
Relative stereochemistry.



RN 197373-12-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-decyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

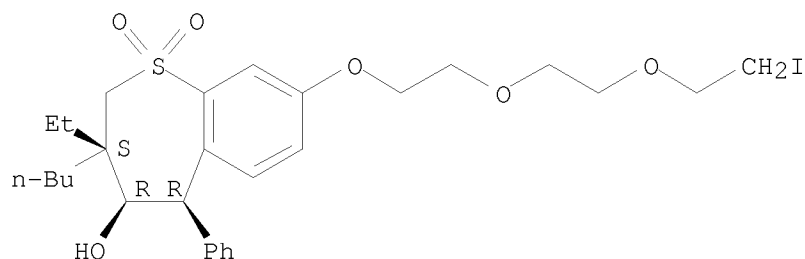
Relative stereochemistry.



RN 197373-13-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[2-[2-(2-
iodoethoxy)ethoxy]ethoxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA
INDEX NAME)

Relative stereochemistry.

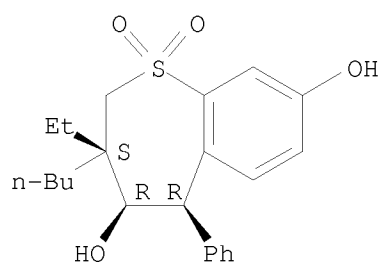


RN 197373-14-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

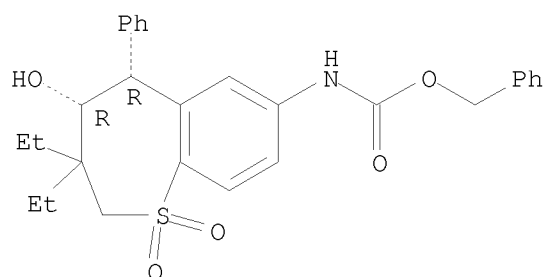
10/590,458



RN 197373-16-3 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

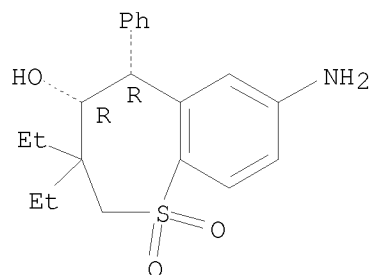
Relative stereochemistry.



RN 197373-17-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

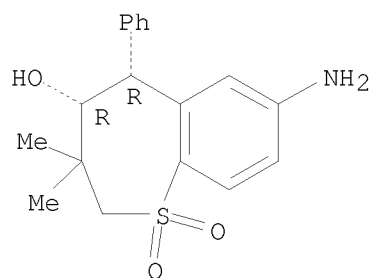


RN 197373-18-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

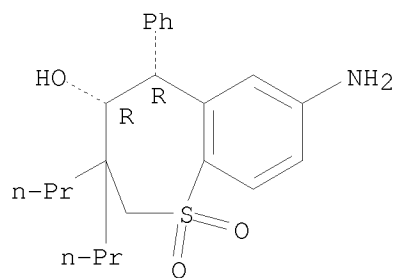
10/590,458



RN 197373-19-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

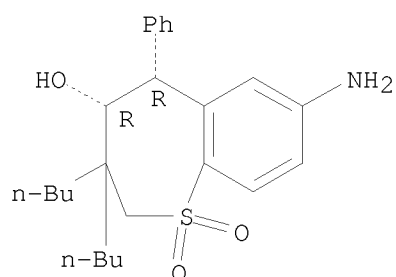
Relative stereochemistry.



RN 197373-20-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

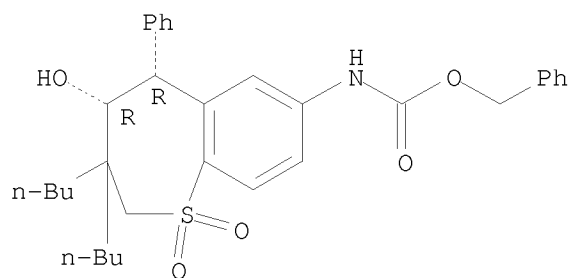


RN 197373-22-1 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

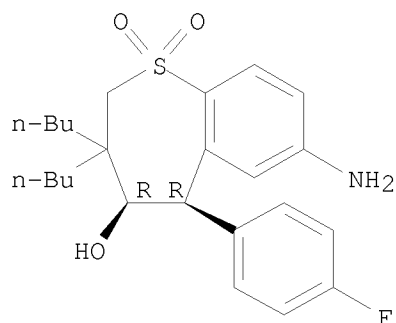
10/590,458



RN 197373-24-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

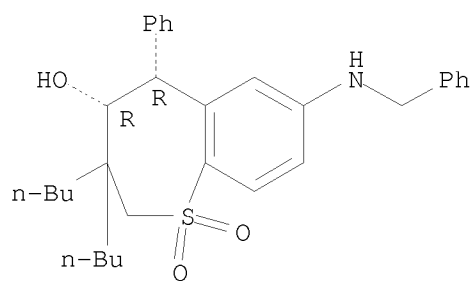
Relative stereochemistry.



RN 197373-25-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

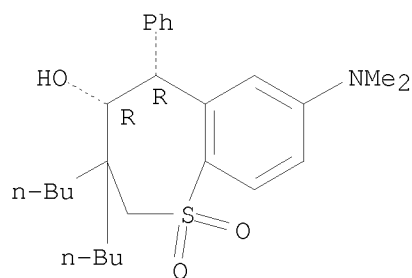


RN 197373-26-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

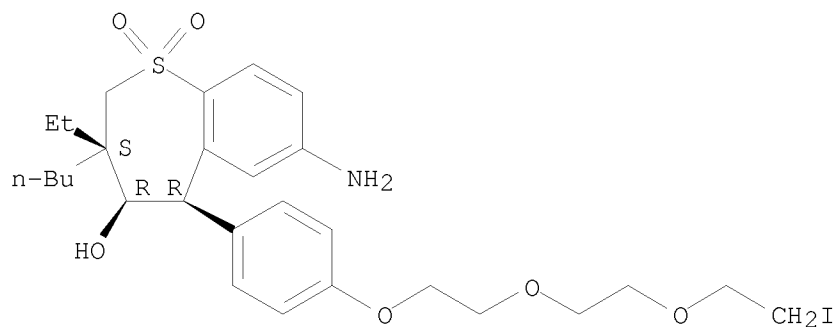
10/590,458



RN 197373-27-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

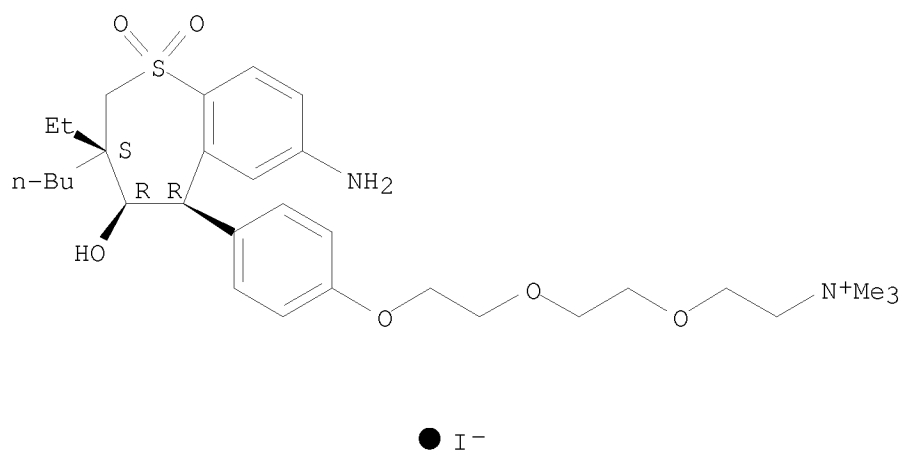


RN 197373-28-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

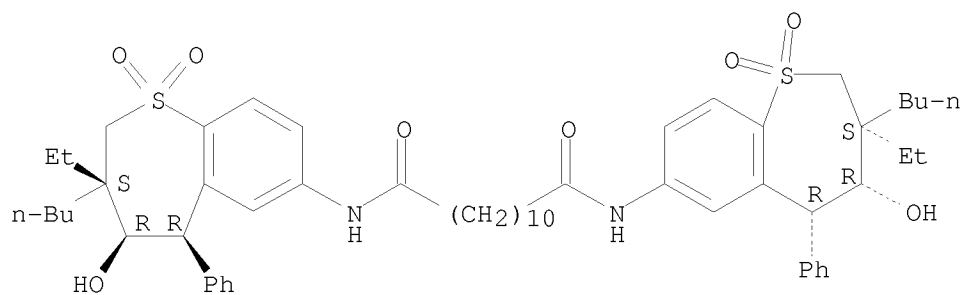
10/590,458



RN 197373-29-8 CAPLUS

CN Dodecanediamide, N1,N12-bis[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

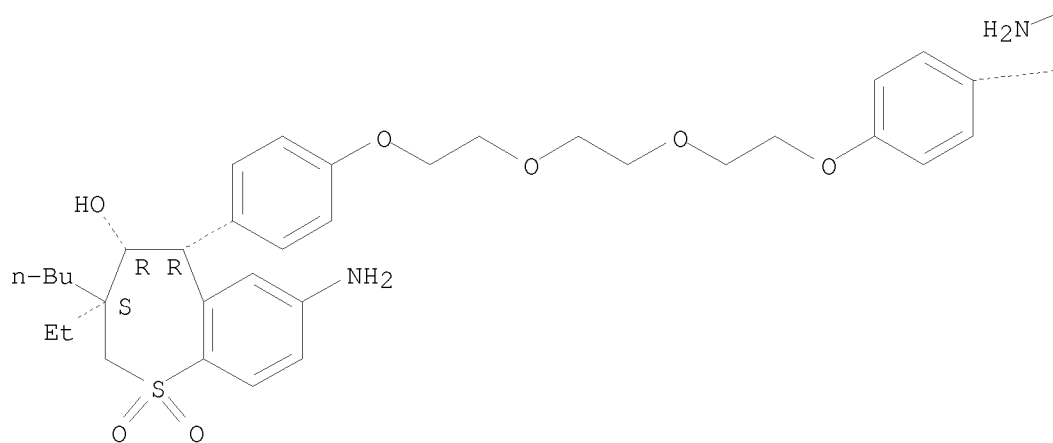


RN 197373-30-1 CAPLUS

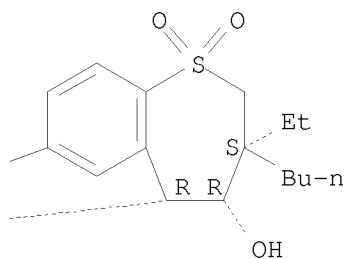
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy-4,1-phenylene]]bis[7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

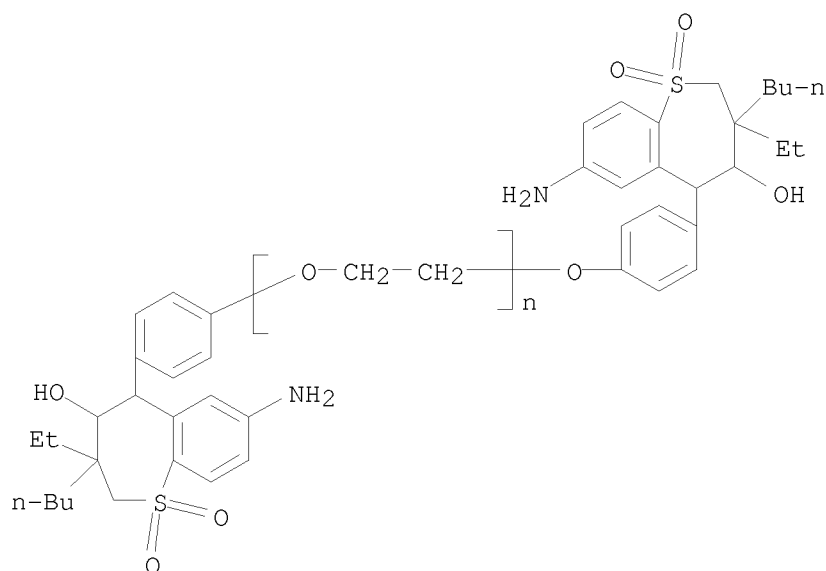
PAGE 1-A



PAGE 1-B

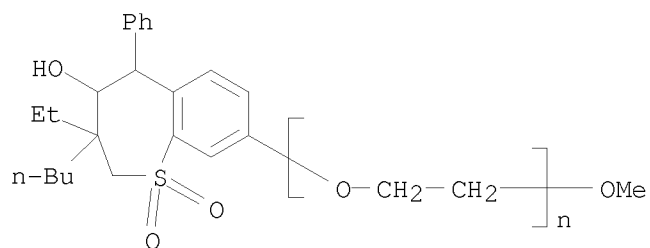


RN 197373-35-6 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (9CI) (CA INDEX NAME)



RN 197373-36-7 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[(3R,4S,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- ω -methoxy-, rel- (9CI) (CA INDEX NAME)

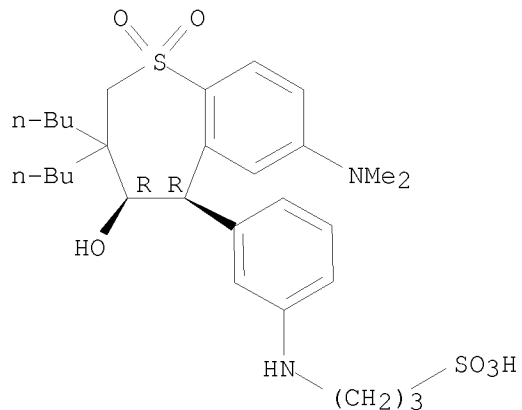


RN 197373-37-8 CAPLUS

CN 1-Propanesulfonic acid, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

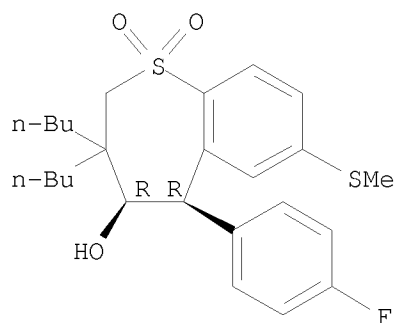
10/590,458



RN 197373-38-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

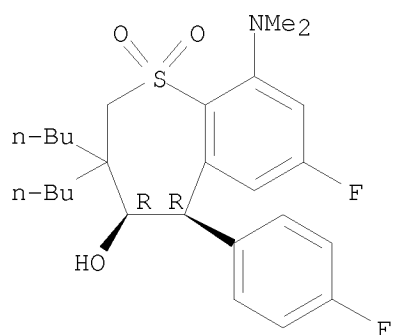
Relative stereochemistry.



RN 197373-39-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

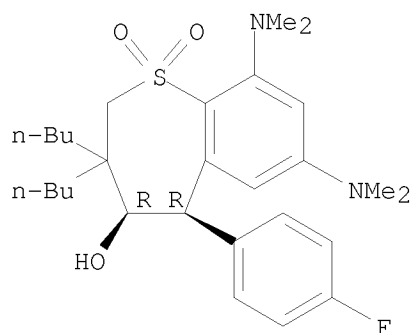


10/590,458

RN 197373-40-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

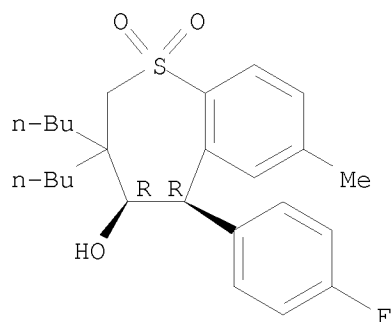
Relative stereochemistry.



RN 197373-41-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-
methyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

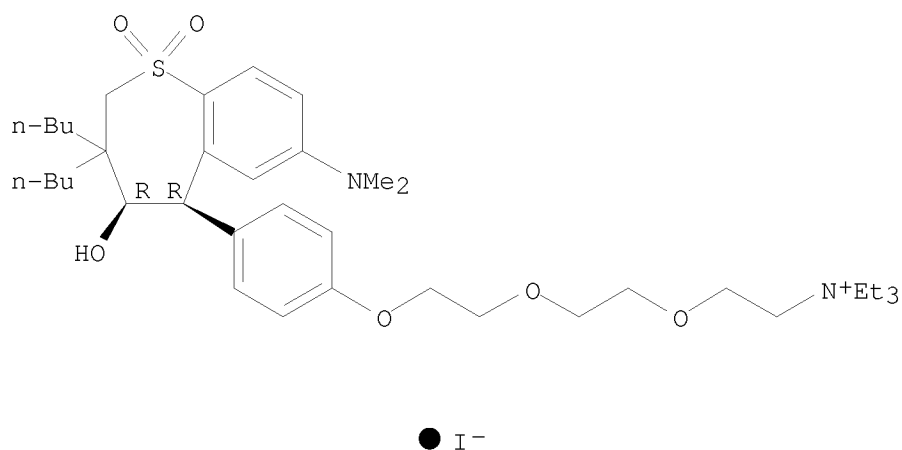


RN 197373-45-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX
NAME)

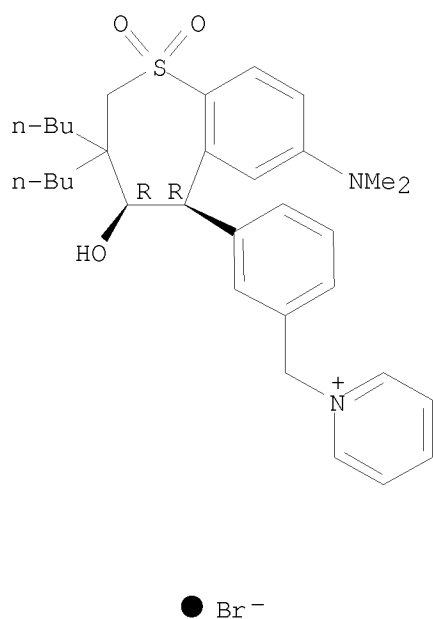
Relative stereochemistry.

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RN 197373-48-1 CAPLUS
CN Pyridinium, 1-[[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

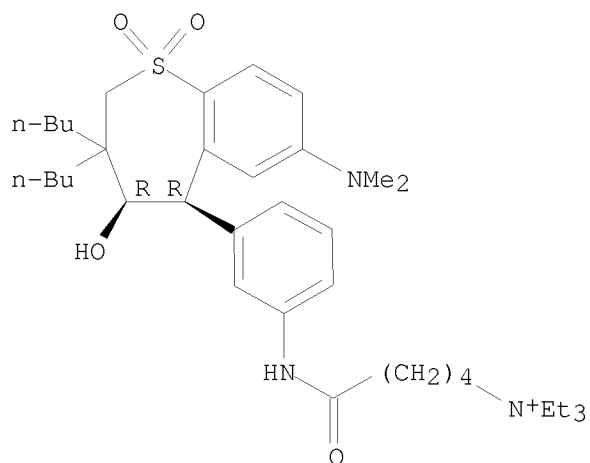


RN 197373-54-9 CAPLUS
CN 1-Pentanaminium, 5-[[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
CM 1

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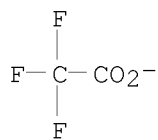
CRN 197373-53-8
CMF C37 H60 N3 O4 S

Relative stereochemistry.



CM 2

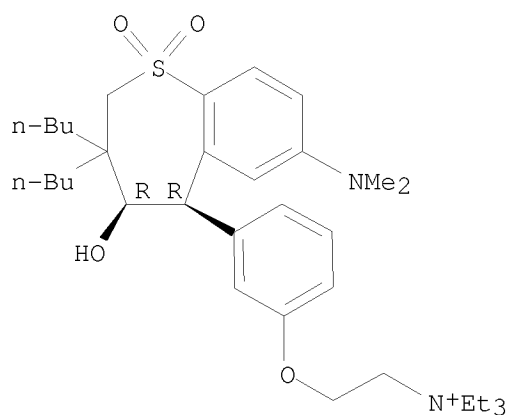
CRN 14477-72-6
CMF C2 F3 O2



RN 197373-59-4 CAPLUS
CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

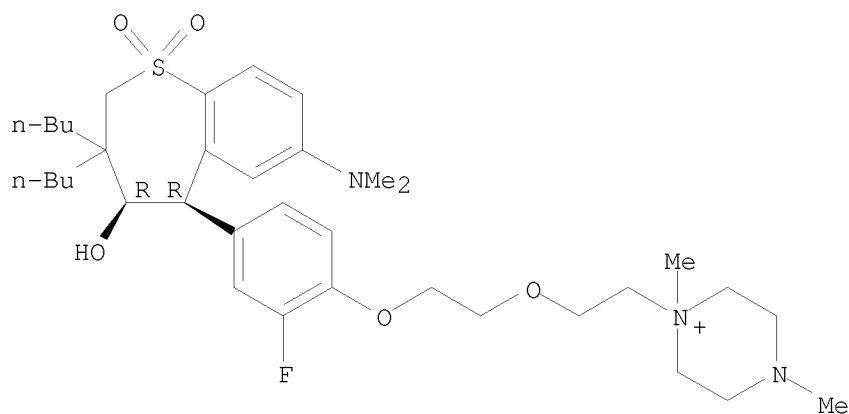
Relative stereochemistry.

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RN 197373-60-7 CAPLUS
CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

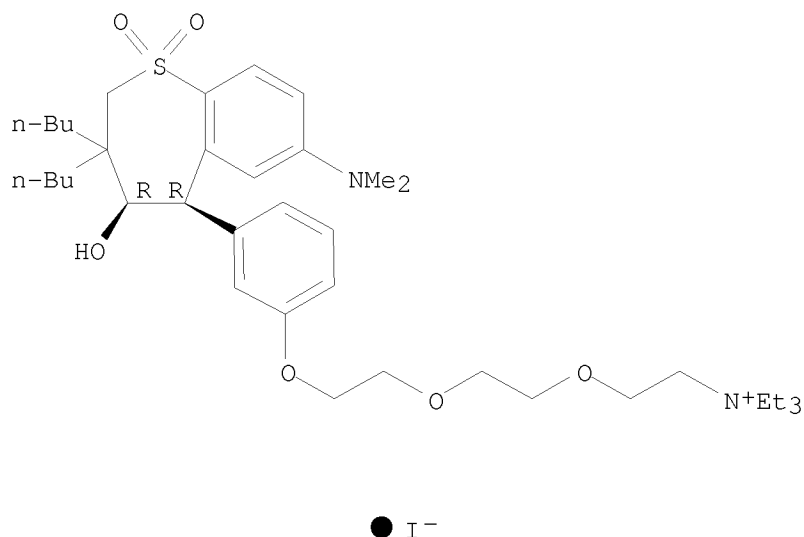
Relative stereochemistry.



RN 197373-61-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

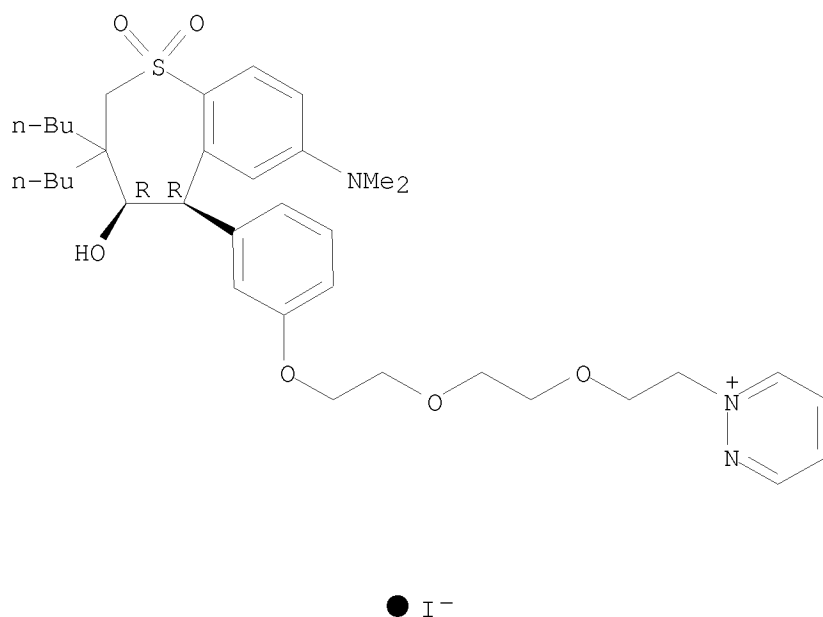
10/590,458

Relative stereochemistry.



RN 197373-62-9 CAPLUS
CN Pyridazinium, 1-[2-[2-[2-[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

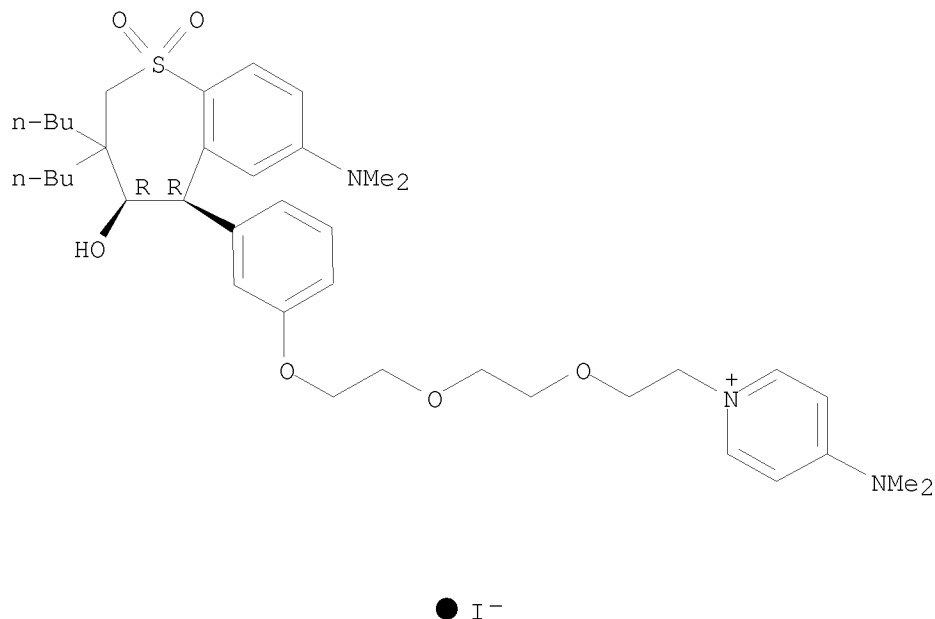


RN 197373-63-0 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(dimethylamino)-, iodide (1:1), rel-
(CA INDEX NAME)

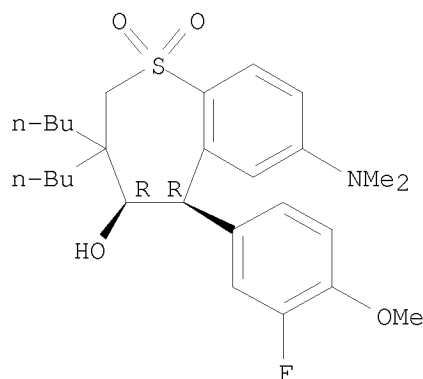
Relative stereochemistry.



RN 197373-64-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-66-3 CAPLUS

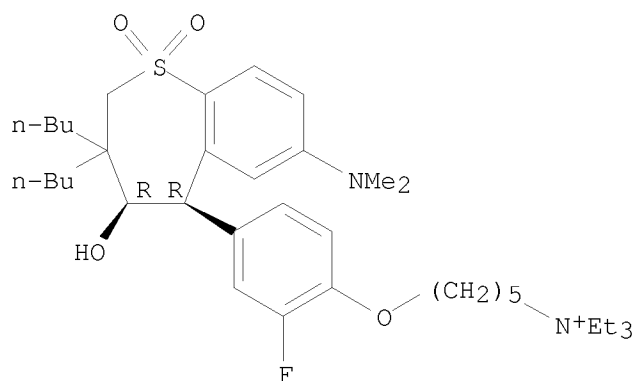
CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

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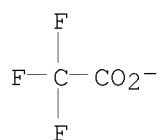
CRN 197373-65-2
CMF C37 H60 F N2 O4 S

Relative stereochemistry.



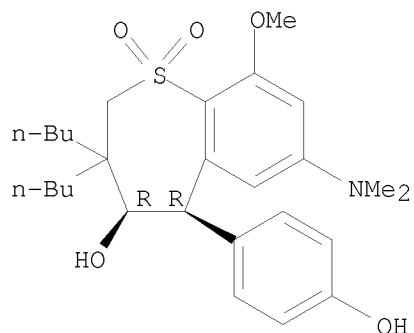
CM 2

CRN 14477-72-6
CMF C2 F3 O2



RN 197373-67-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-9-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

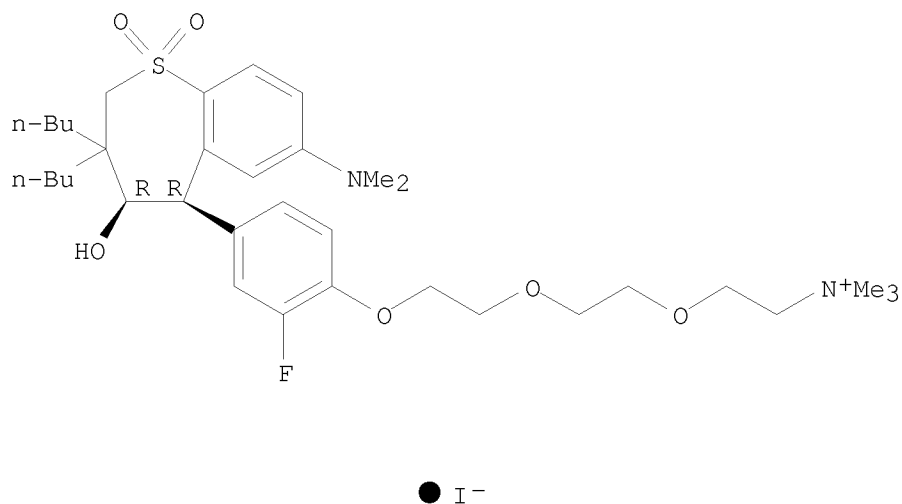


RN 197373-68-5 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

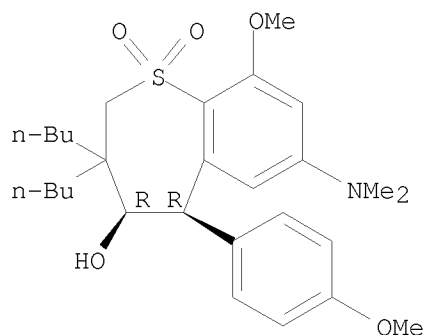
Relative stereochemistry.



RN 197373-69-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-9-methoxy-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

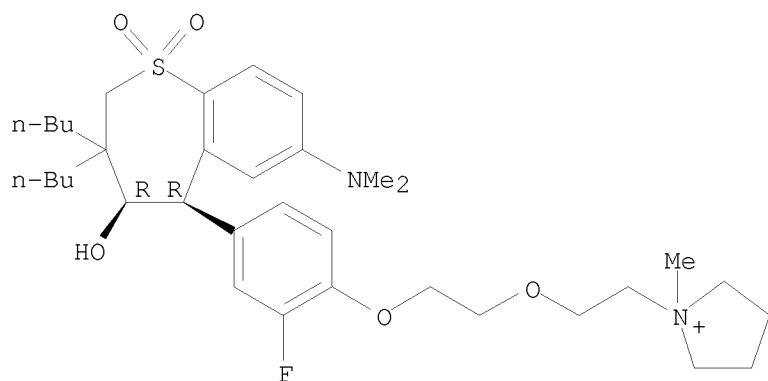


RN 197373-70-9 CAPLUS

CN Pyrrolidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-methyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

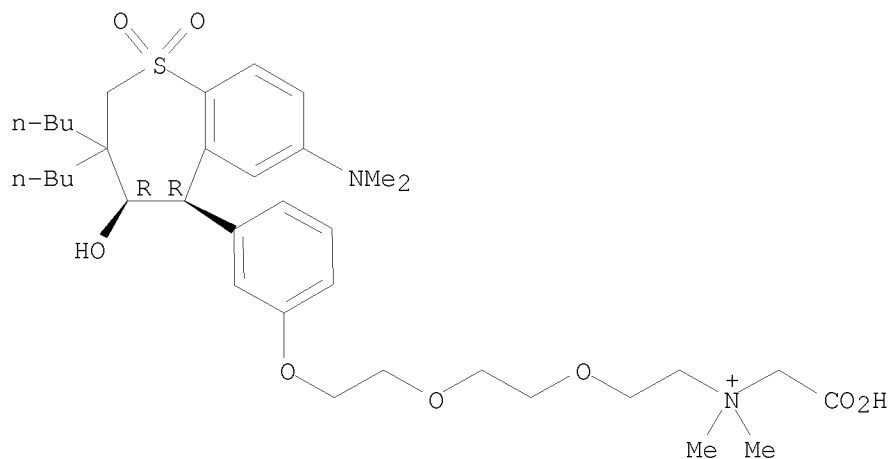
10/590,458



● Br⁻

RN 197373-71-0 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-hydroxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



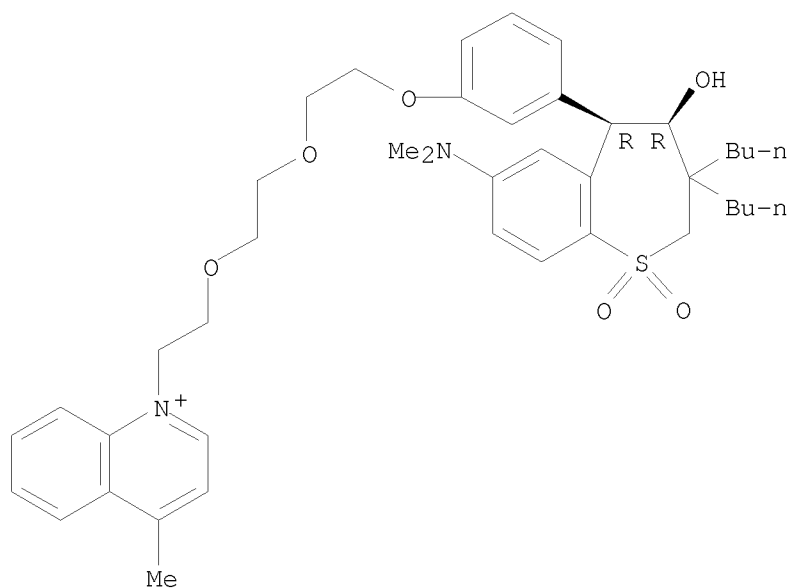
● I⁻

RN 197373-72-1 CAPLUS
CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

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Relative stereochemistry.

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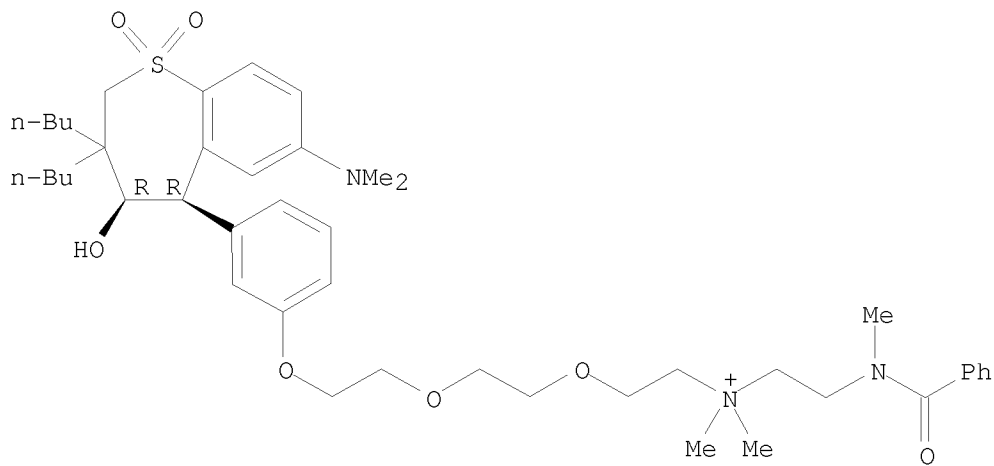


RN 197373-73-2 CAPLUS

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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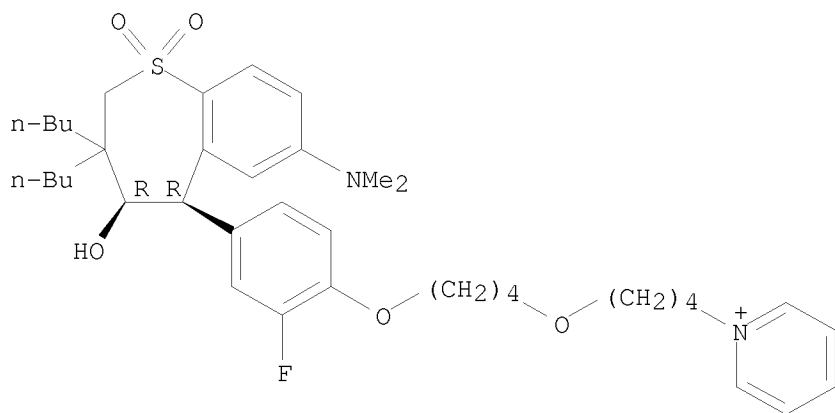


RN	197373-75-4	CAPLUS
CN	Pyridinium, 1-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)	

CM 1

CRN 197373-74-3
CMF C39 H56 F N2 O5 S

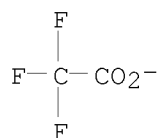
Relative stereochemistry.



CM 2

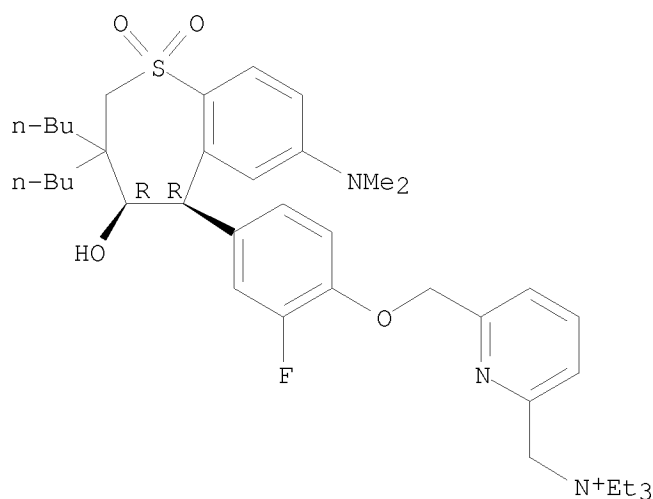
10/590,458

CRN 14477-72-6
CMF C2 F3 O2



RN 197373-76-5 CAPLUS
CN 2-Pyridinemethanaminium, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

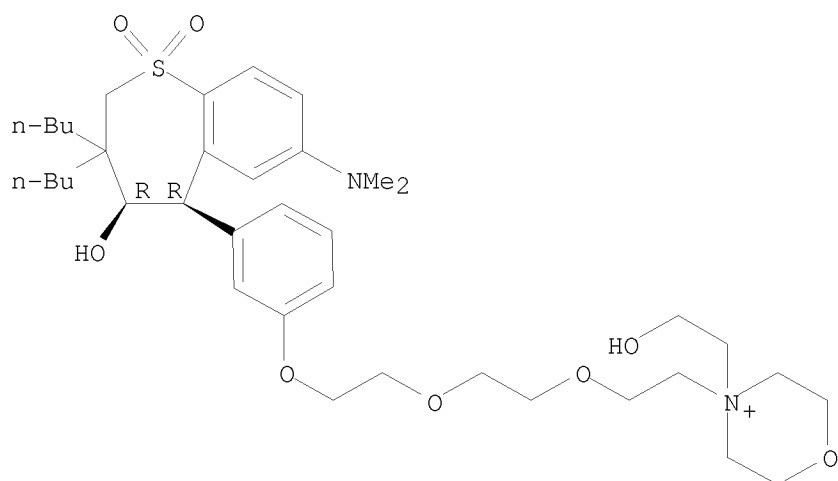
Relative stereochemistry.



RN 197373-77-6 CAPLUS
CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-4-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

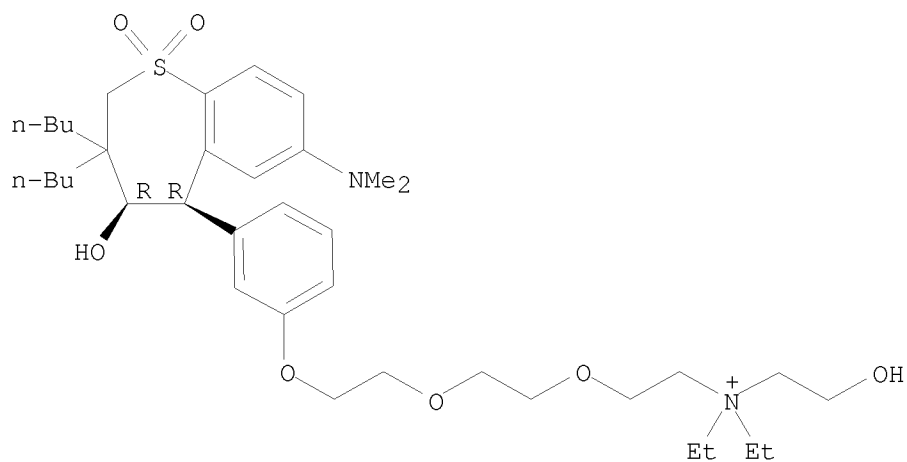
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RN 197373-78-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



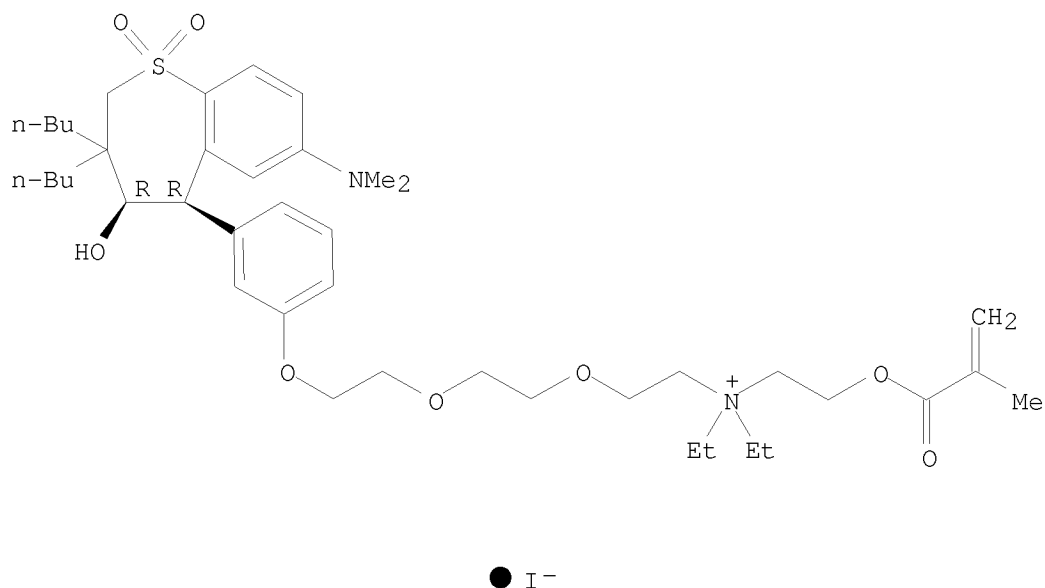
RN 197373-79-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-
N,N-diethyl-N-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-, iodide, rel-
(9CI) (CA INDEX NAME)

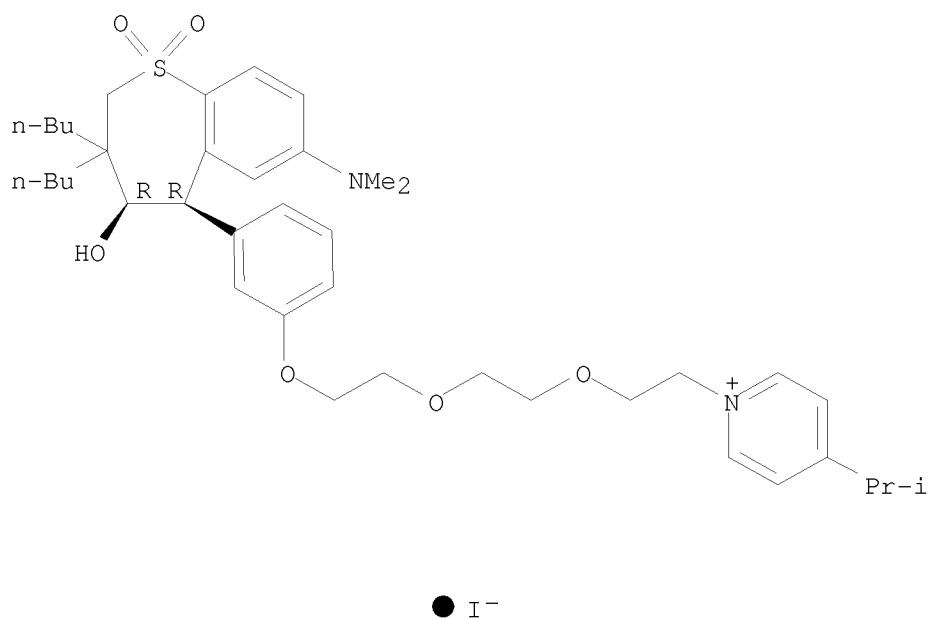
Relative stereochemistry.



RN 197373-80-1 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-
[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA
INDEX NAME)

Relative stereochemistry.

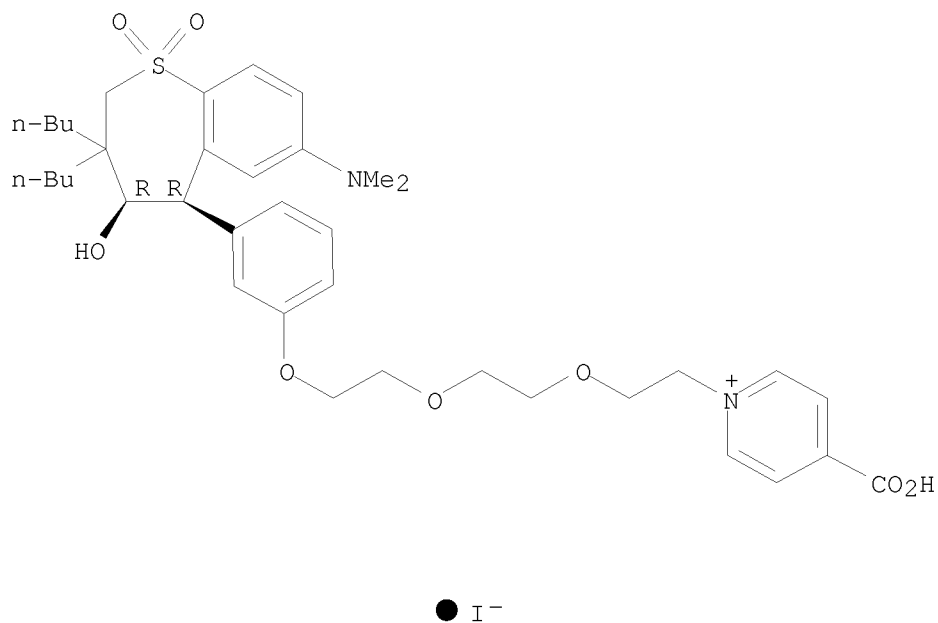
10/590,458



RN 197373-85-6 CAPLUS

CN Pyridinium, 4-carboxy-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

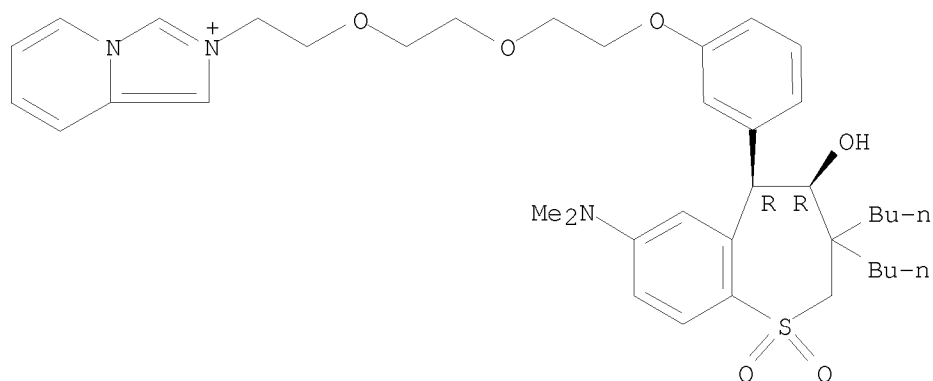


RN 197373-87-8 CAPLUS

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CN Imidazo[1,5-a]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-90-3 CAPLUS

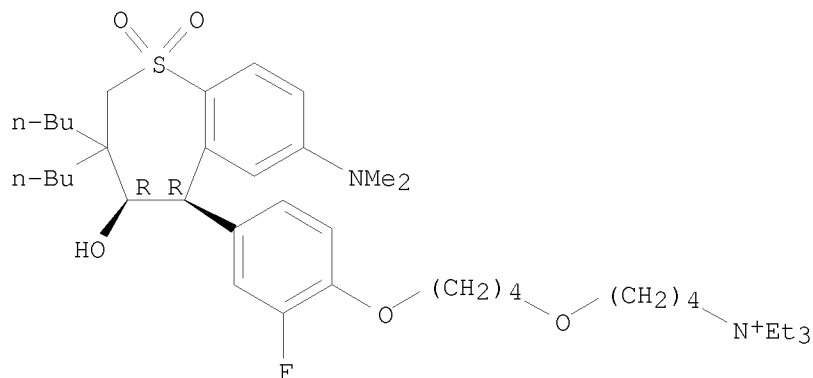
CN 1-Butanaminium, 4-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-89-0

CMF C40 H66 F N2 O5 S

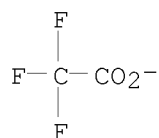
Relative stereochemistry.



CM 2

10/590,458

CRN 14477-72-6
CMF C2 F3 O2

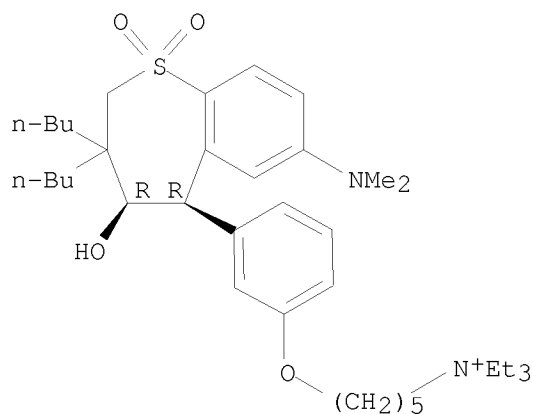


RN 197373-93-6 CAPLUS
CN 1-Pentanaminium, 5-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

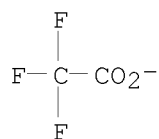
CRN 197373-92-5
CMF C37 H61 N2 O4 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

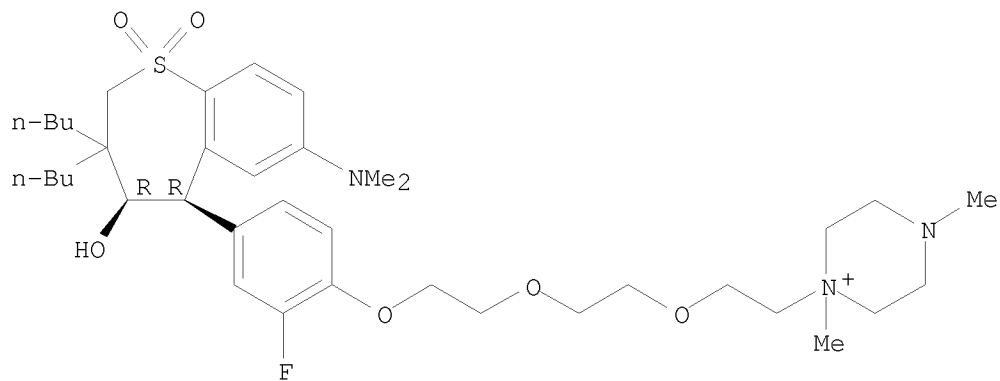


RN 197373-95-8 CAPLUS
CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA

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INDEX NAME)

Relative stereochemistry.

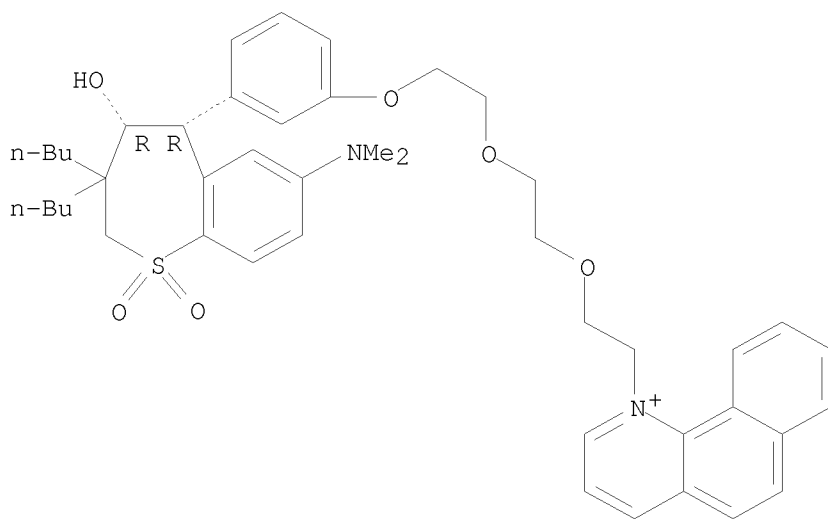


RN 197373-97-0 CAPLUS

CN Benzo[h]quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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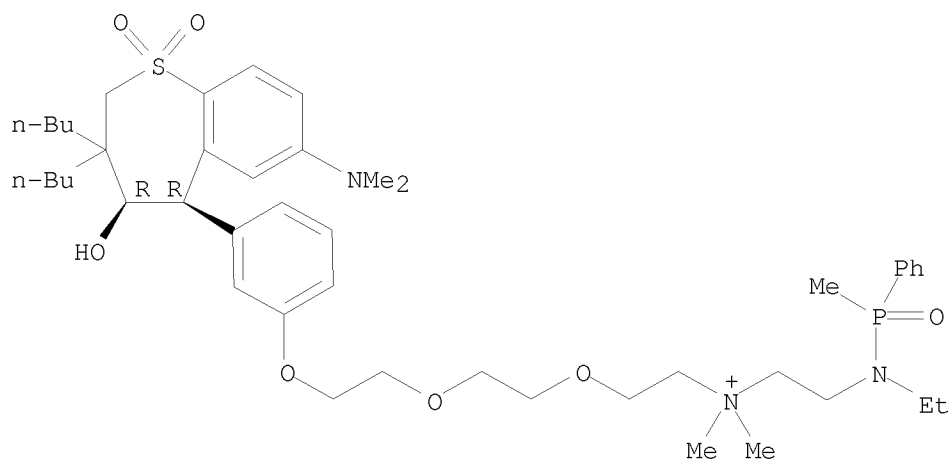




RN 197373-99-2 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(methylphenylphosphinyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

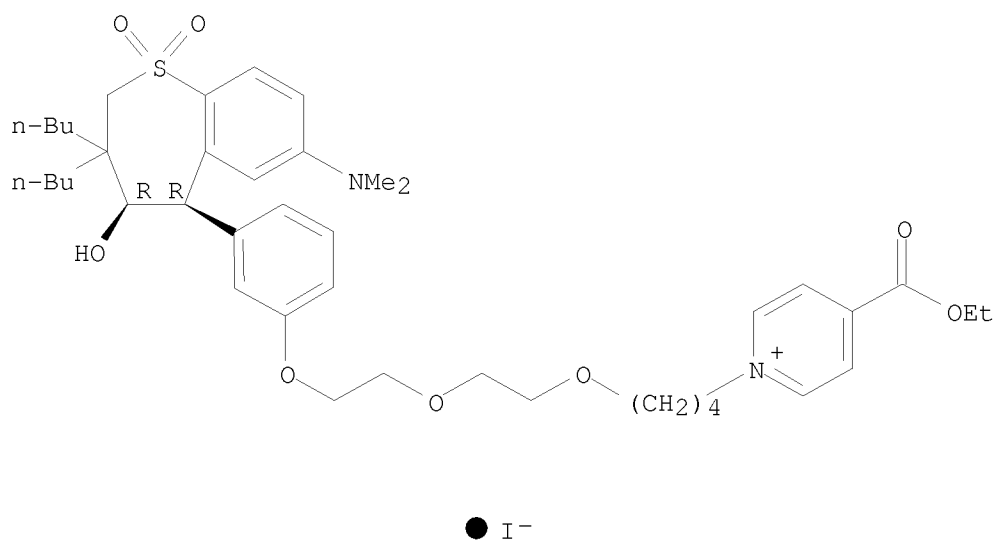


RN 197374-00-8 CAPLUS

CN Pyridinium, 1-[4-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]butyl]-4-(ethoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

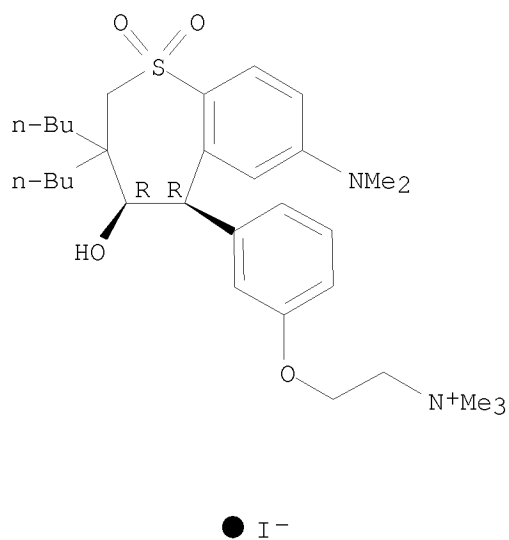
Relative stereochemistry.

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RN 197374-01-9 CAPLUS
CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

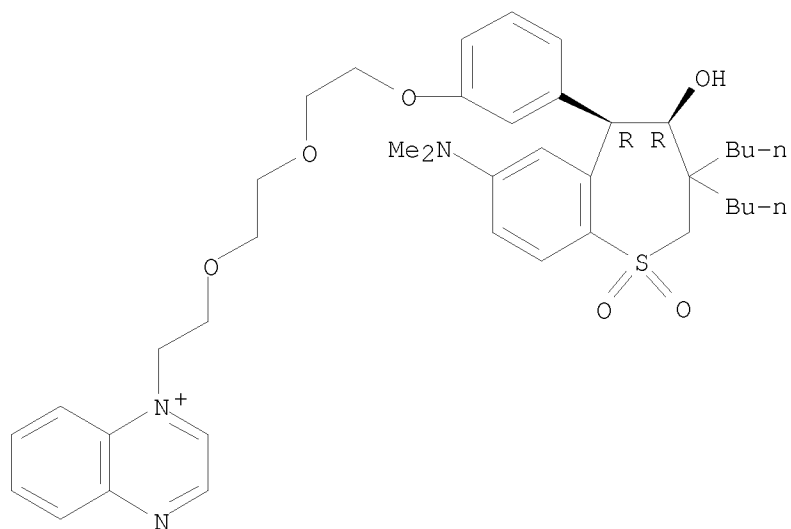
Relative stereochemistry.



RN 197374-02-0 CAPLUS
CN Quinoxalinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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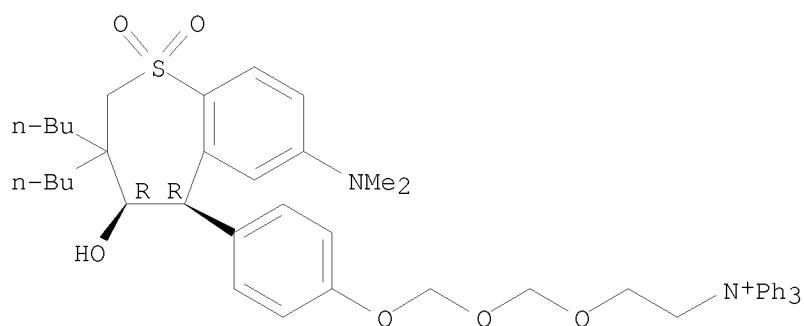


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RN 197374-03-1 CAPLUS
 CN Benzenaminium, N-[2-[[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diphenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

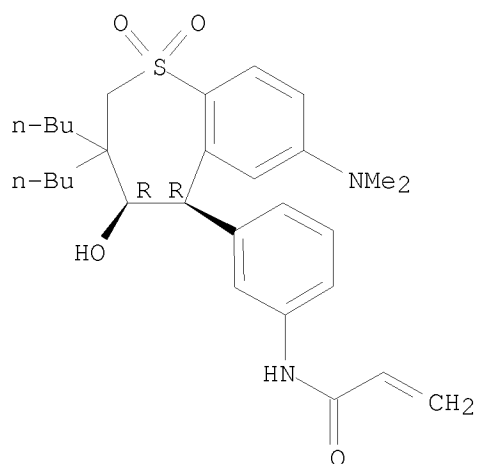


RN 197374-04-2 CAPLUS
 CN 2-Propenamide, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA

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INDEX NAME)

Relative stereochemistry.

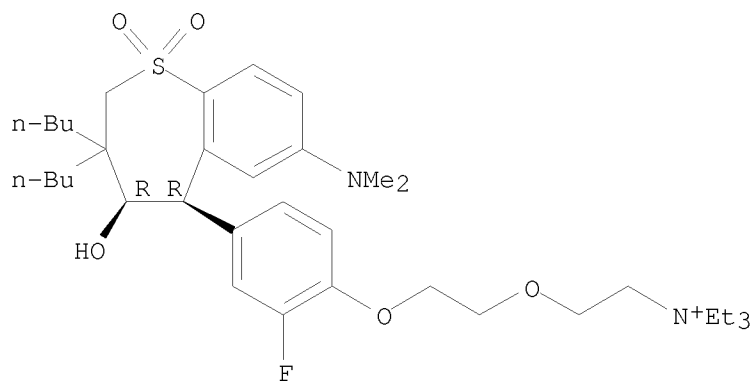


RN 197374-06-4 CAPLUS
CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

CRN 197374-05-3
CMF C36 H58 F N2 O5 S

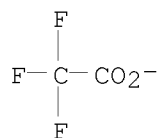
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

10/590,458

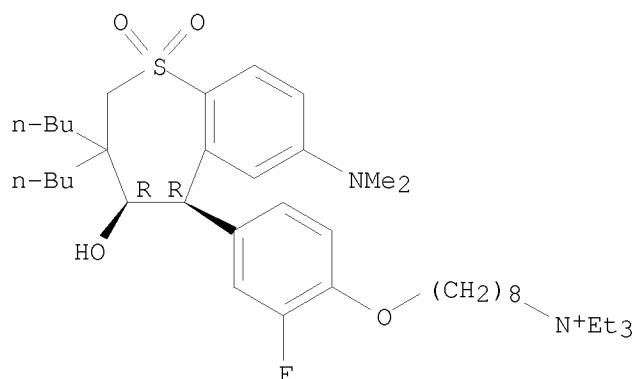


RN 197374-08-6 CAPLUS
CN 1-Octanaminium, 8-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

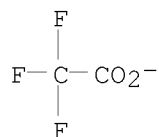
CRN 197374-07-5
CMF C40 H66 F N2 O4 S

Relative stereochemistry.



CM 2

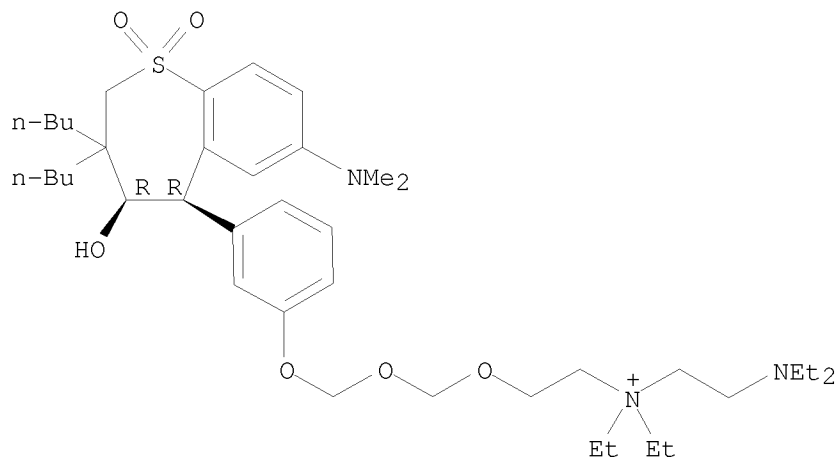
CRN 14477-72-6
CMF C2 F3 O2



RN 197374-09-7 CAPLUS
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

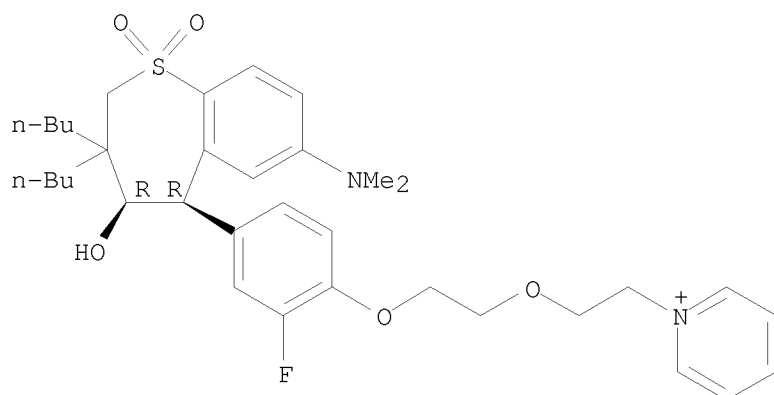
Relative stereochemistry.

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RN 197374-10-0 CAPLUS
 CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

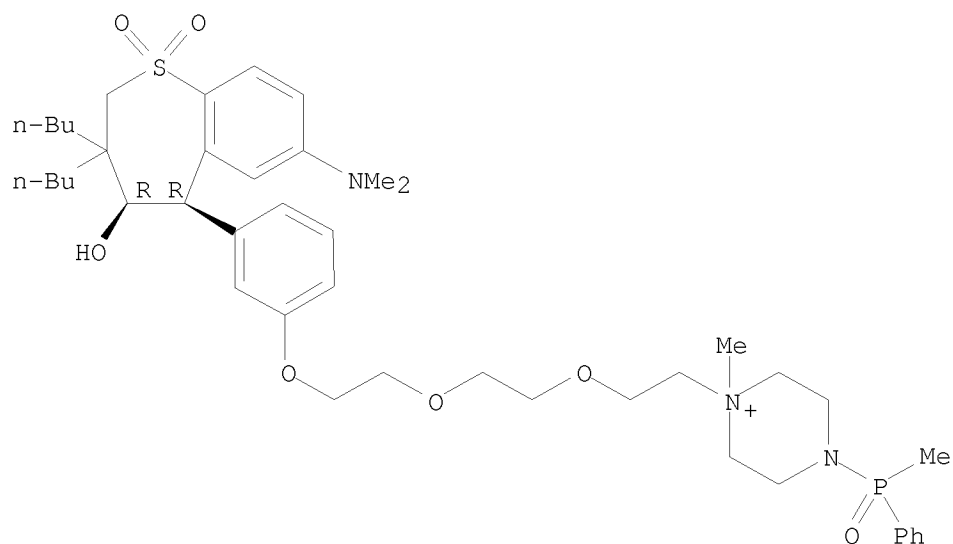


RN 197374-11-1 CAPLUS
 CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(methylphenylphosphinyl)-, iodide (1:1), rel- (CA INDEX NAME)

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Relative stereochemistry.

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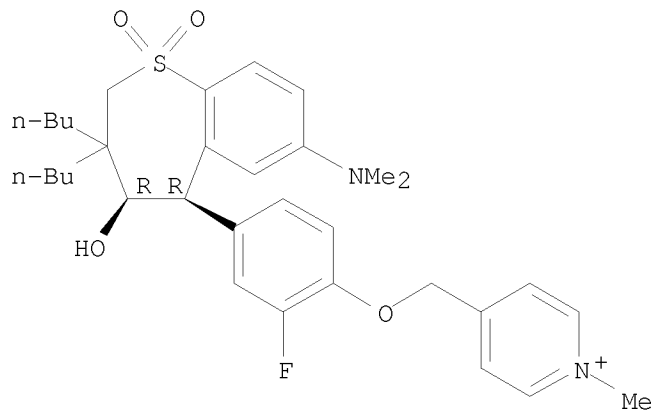
RN 197374-13-3 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-12-2
CMF C33 H44 F N2 O4 S

Relative stereochemistry.

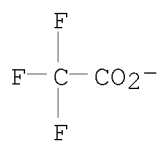
10/590,458



CM 2

CRN 14477-72-6

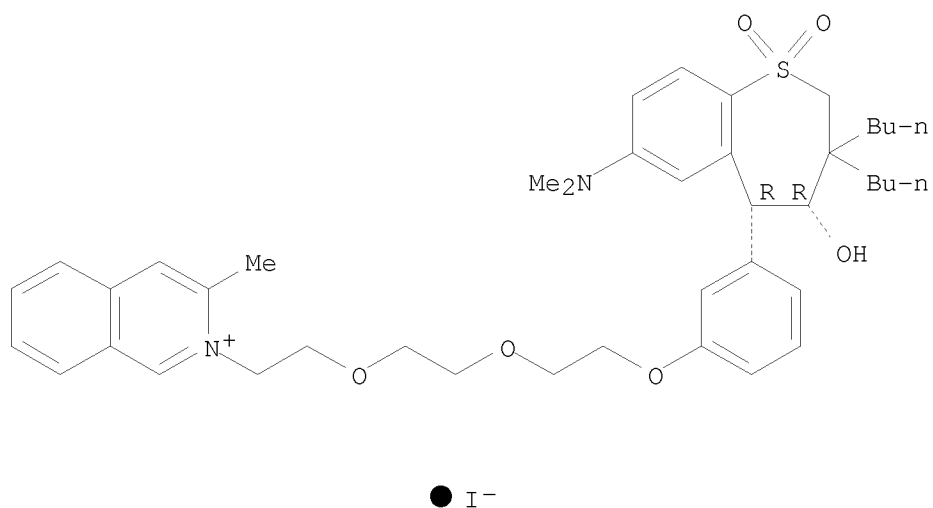
CMF C2 F3 O2



RN 197374-14-4 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

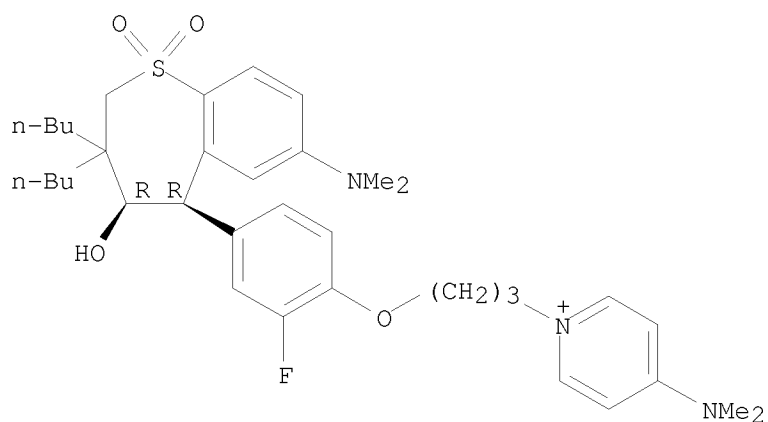


RN 197374-16-6 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-15-5
 CMF C36 H51 F N3 O4 S

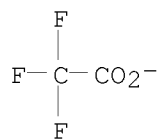
Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

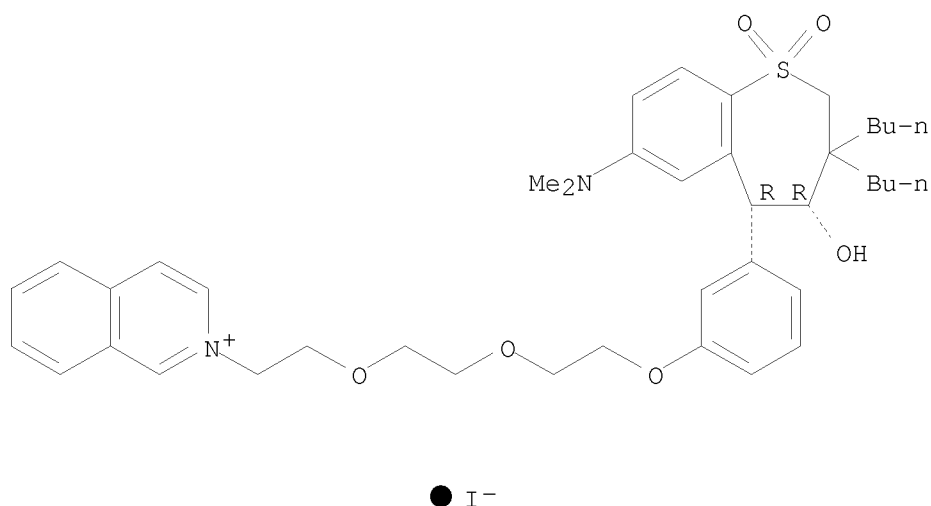
10/590,458



RN 197374-17-7 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

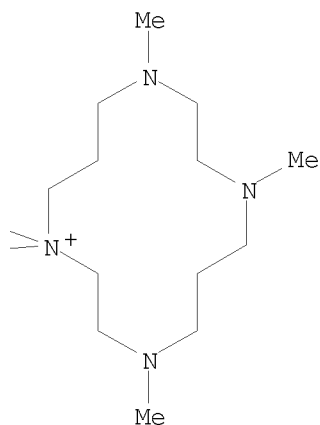
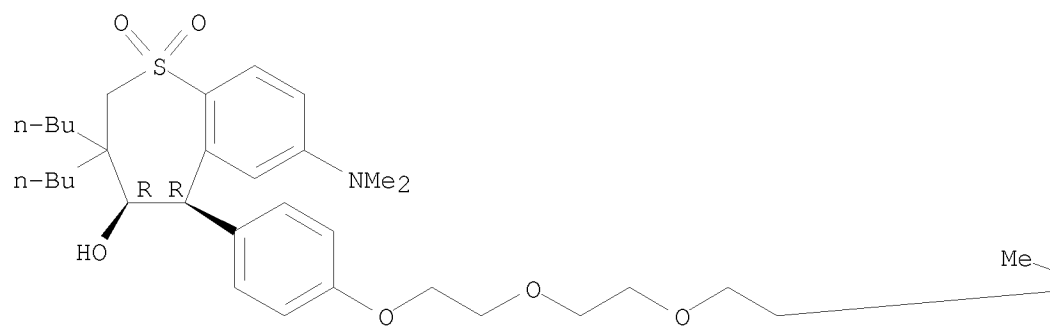
Relative stereochemistry.



RN 197374-18-8 CAPLUS

CN 4,8,11-Triaza-1-azoniacyclotetradecane, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4,8,11-tetramethyl-, iodide, rel- (9CI) (CA INDEX NAME)

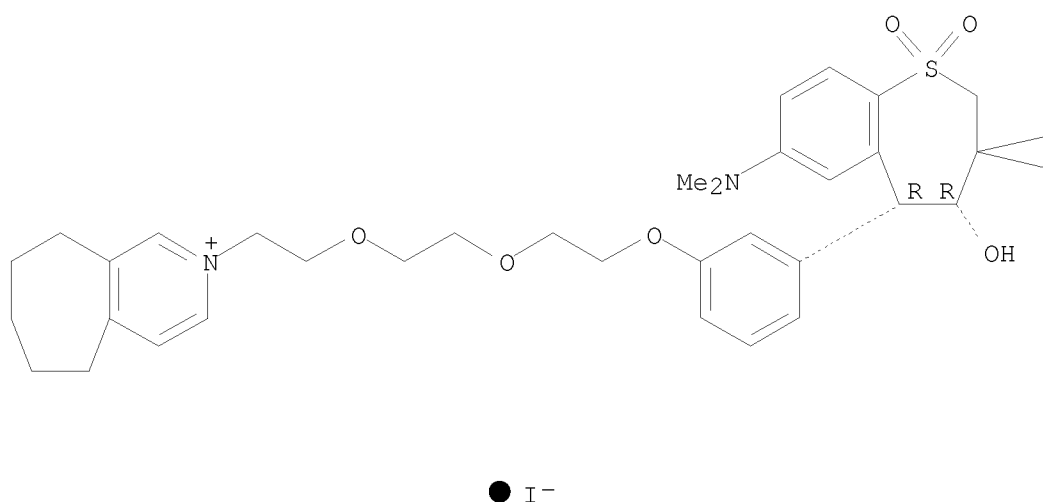
Relative stereochemistry.



RN	197374-19-9	CAPLUS
CN	5H-Cyclohepta[c]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel-(CA INDEX NAME)	

Relative stereochemistry.

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PAGE 1-B

— Bu-n

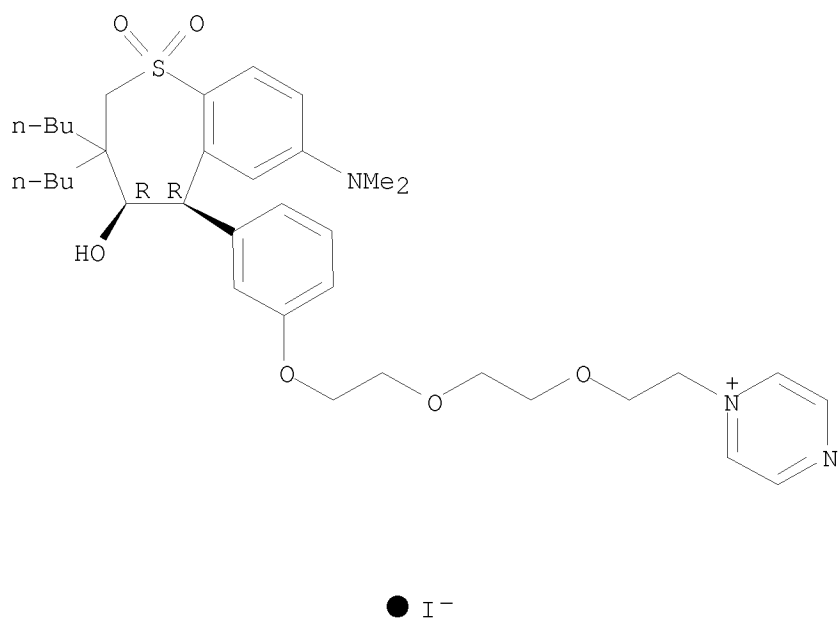
— Bu-n

RN 197374-20-2 CAPLUS

CN Pyrazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

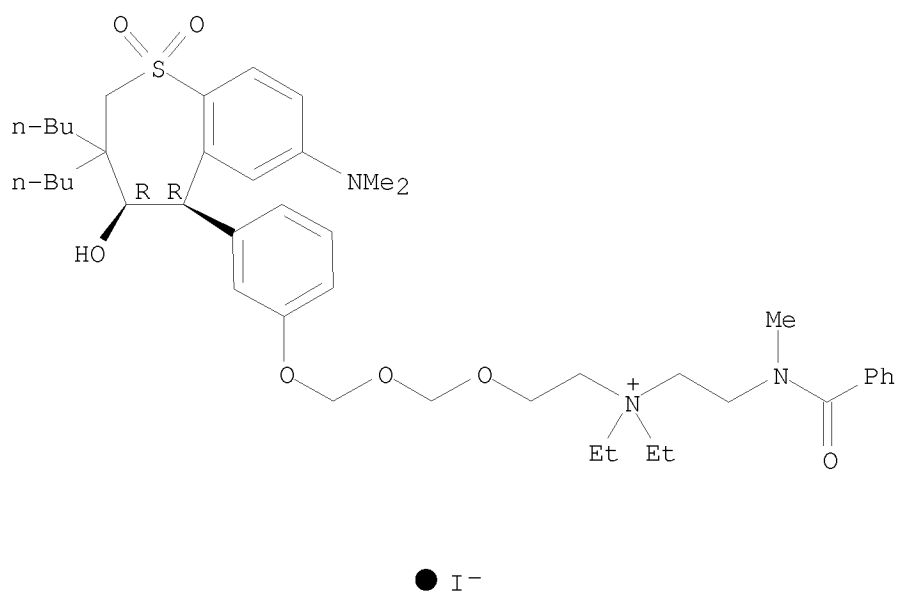
Relative stereochemistry.

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RN 197374-21-3 CAPLUS
CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

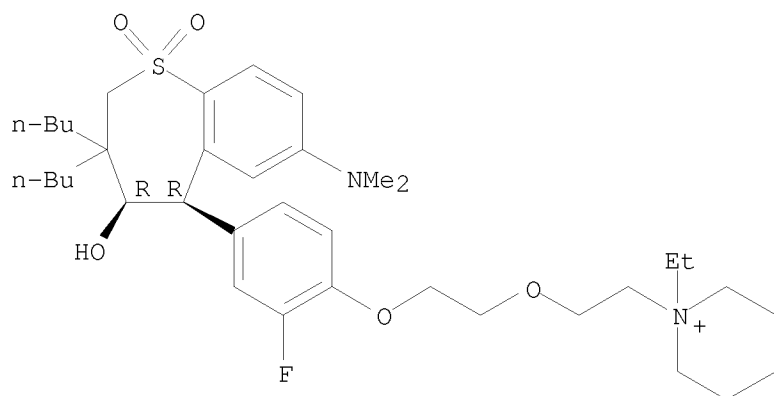


RN 197374-22-4 CAPLUS

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CN Piperidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

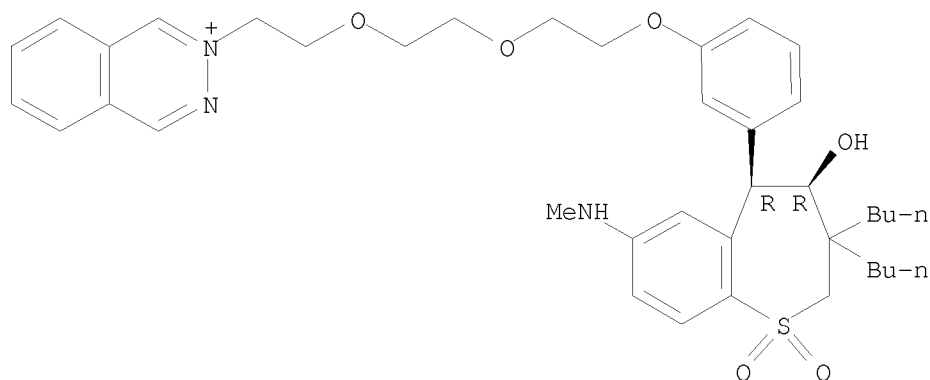


● Br⁻

RN 197374-24-6 CAPLUS

CN Phthalazinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

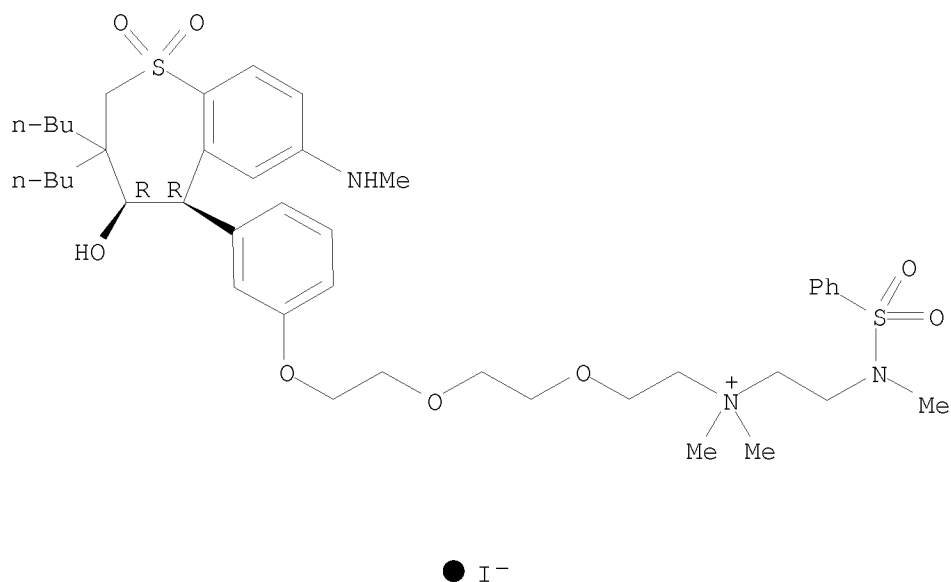
RN 197374-25-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-

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dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel-
(CA INDEX NAME)

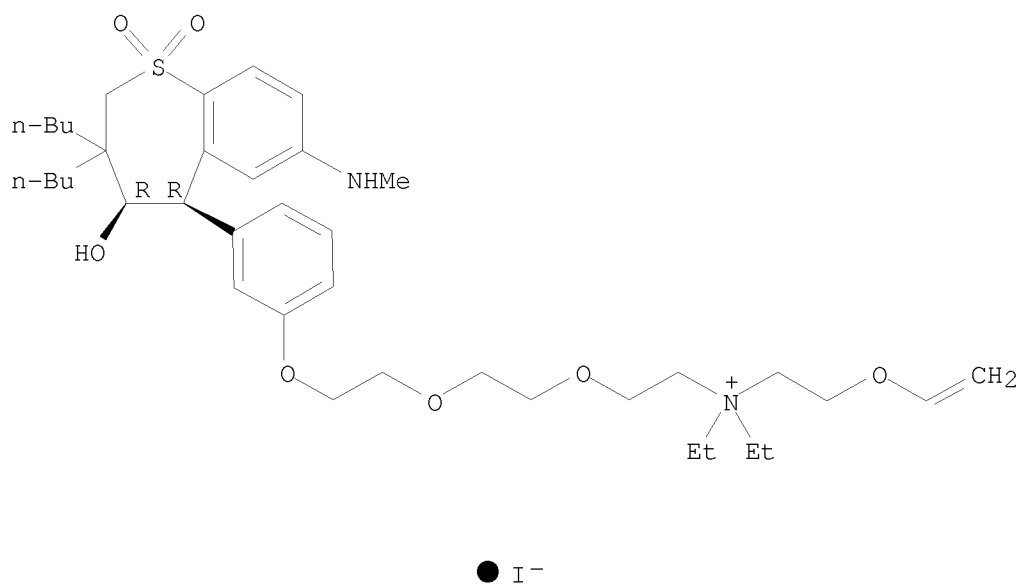
Relative stereochemistry.



RN 197374-26-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(ethenyloxy)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

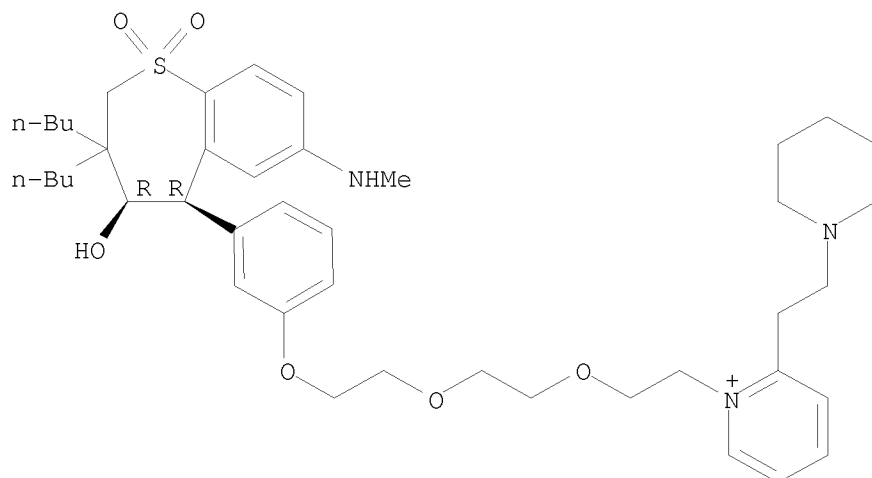


RN 197374-27-9 CAPLUS

10/590,458

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[2-(1-piperidinyl)ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

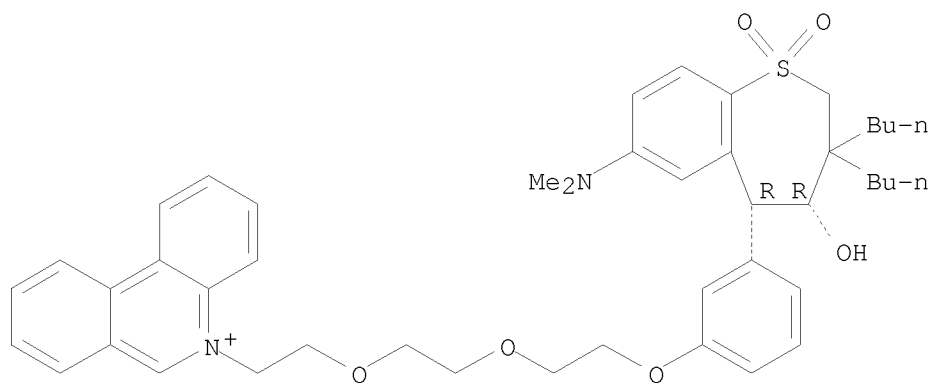
Relative stereochemistry.



RN 197374-29-1 CAPLUS

CN Phenanthridinium, 5-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

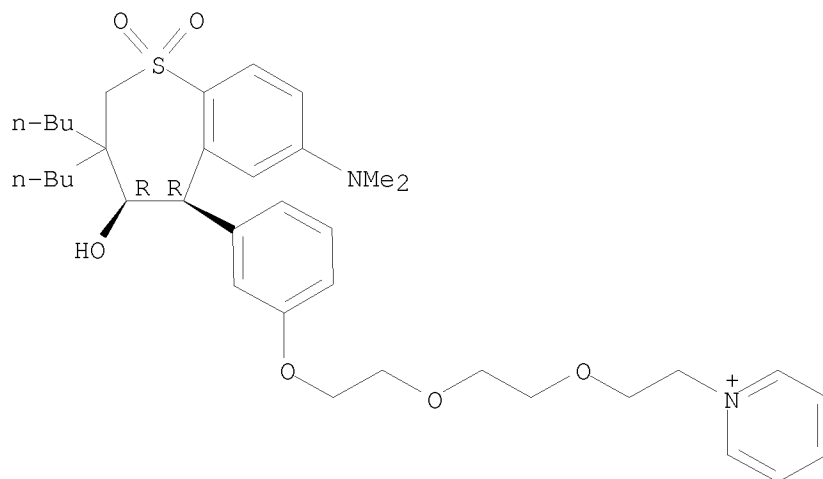


10/590,458

RN 197374-31-5 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

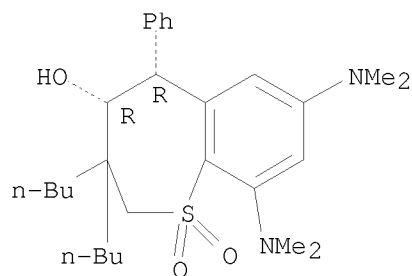
Relative stereochemistry.



RN 197374-32-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-34-8 CAPLUS

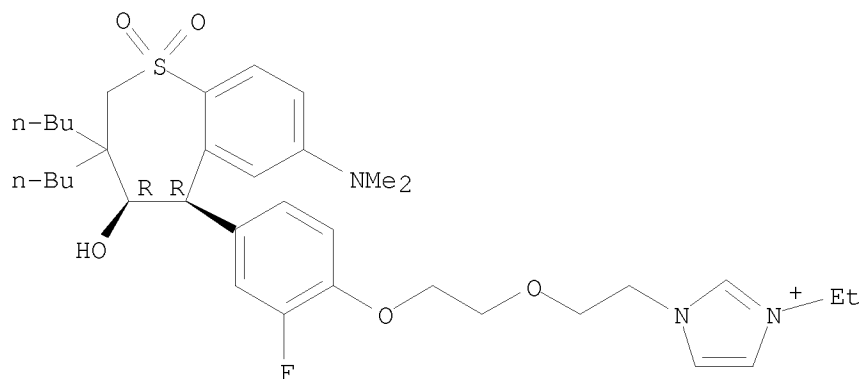
CN 1H-Imidazolium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

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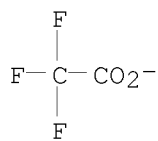
CRN 197374-33-7
CMF C35 H51 F N3 O5 S

Relative stereochemistry.



CM 2

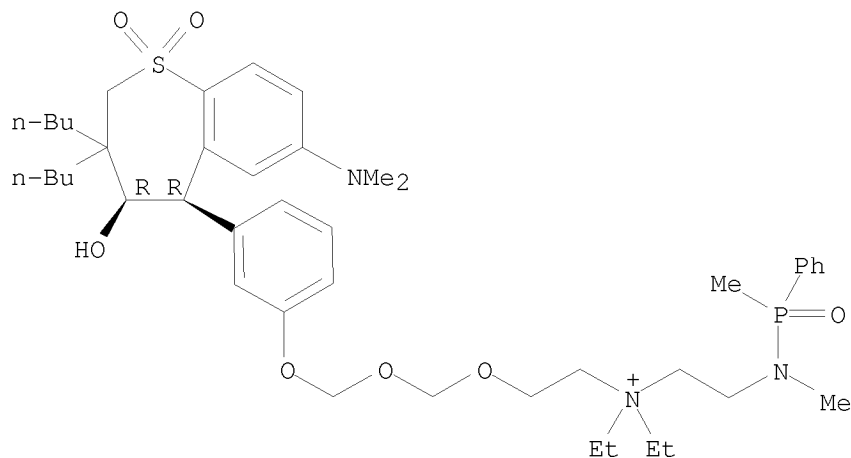
CRN 14477-72-6
CMF C2 F3 O2



RN 197374-35-9 CAPLUS
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

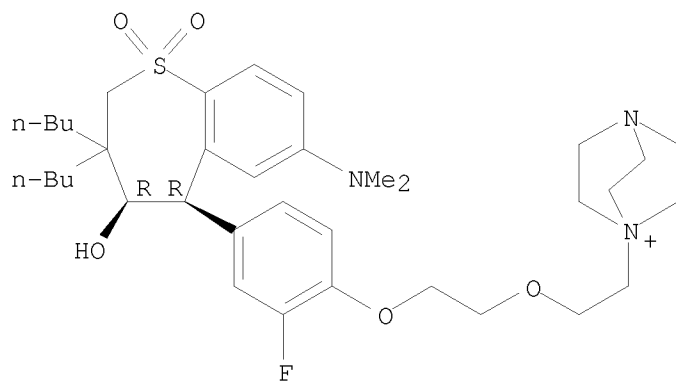
Relative stereochemistry.

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RN 197374-37-1 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-,
bromide (1:1), rel- (CA INDEX NAME)

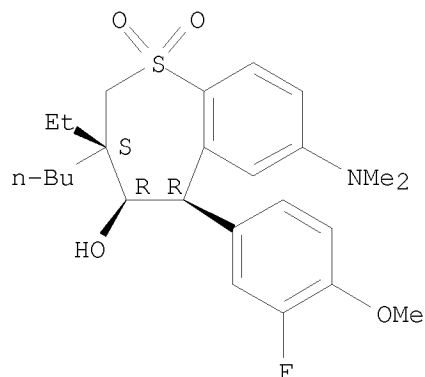
Relative stereochemistry.



RN 197374-38-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-
methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA
INDEX NAME)

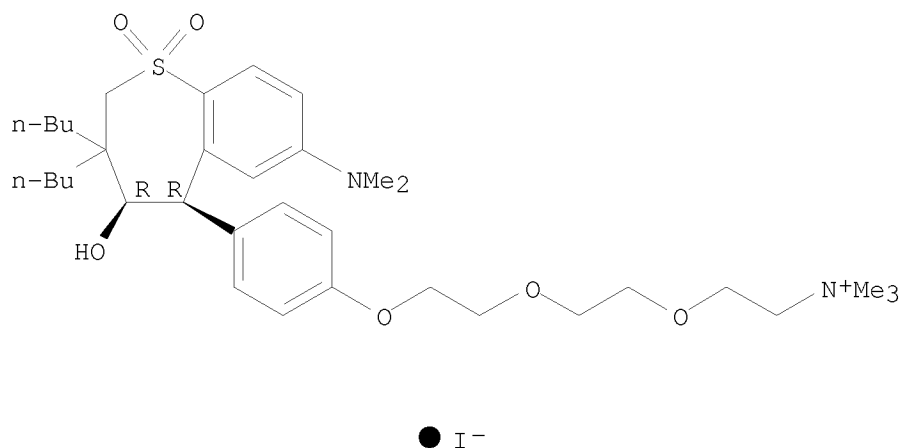
Relative stereochemistry.

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RN 197374-39-3 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

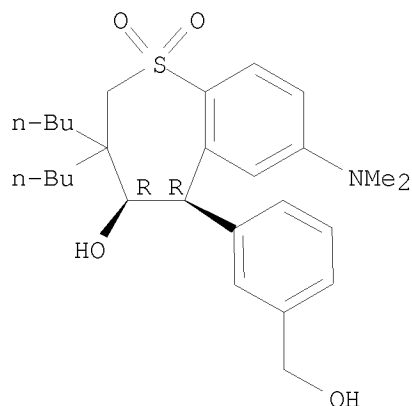
Relative stereochemistry.



RN 197374-40-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

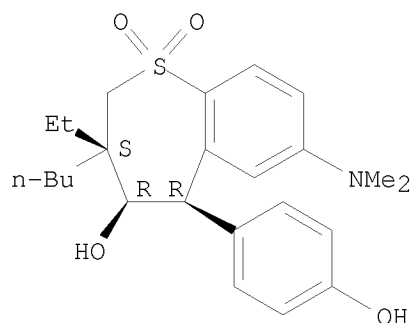
10/590,458



RN 197374-41-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

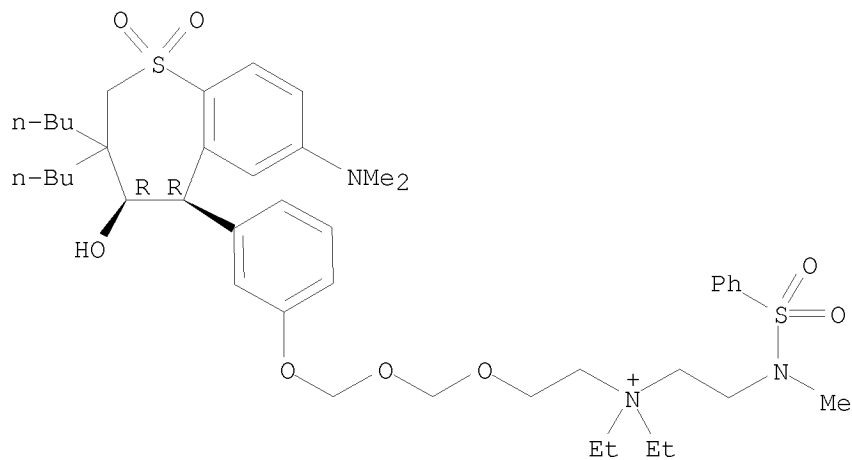


RN 197374-43-9 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

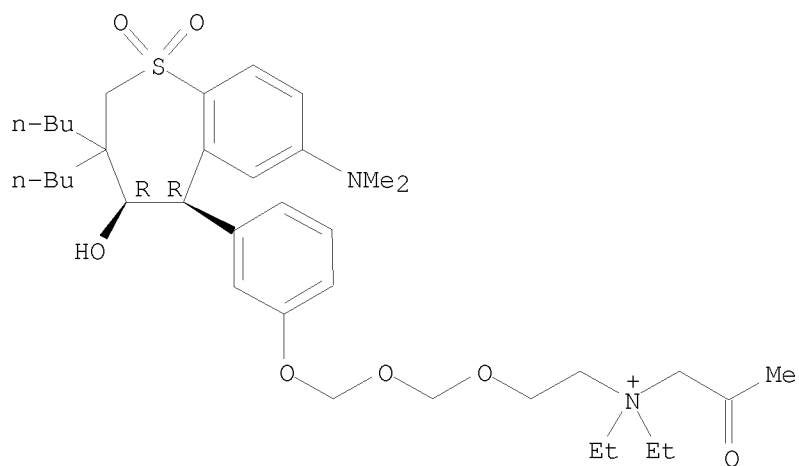
10/590,458



● I⁻

RN 197374-44-0 CAPLUS
 CN 1-Propanaminium, N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



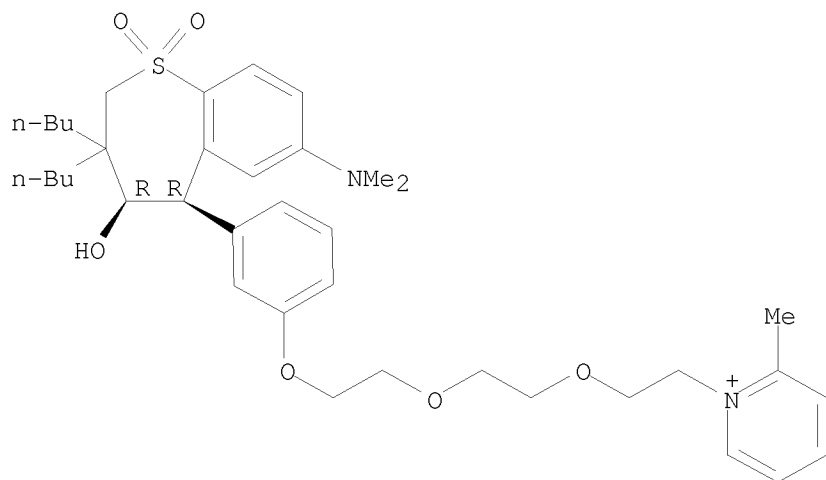
● I⁻

RN 197374-46-2 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-2-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

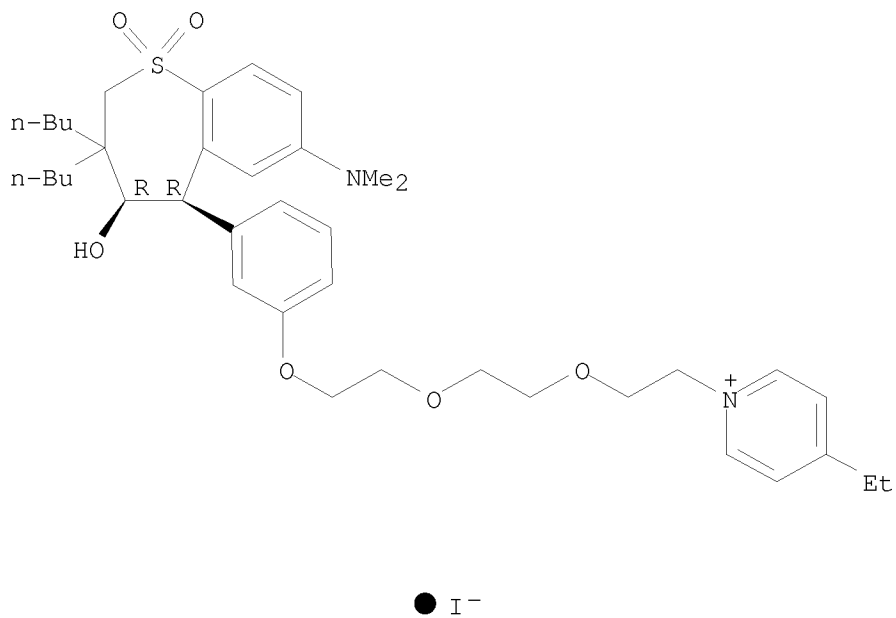


RN 197374-47-3 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

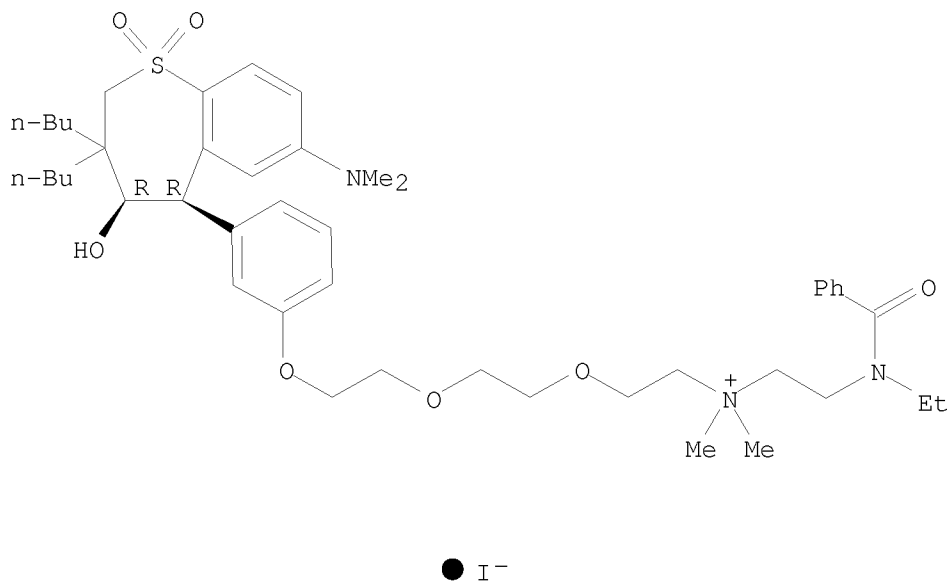
Relative stereochemistry.

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RN	197374-49-5	CAPLUS
CN	Ethanaminium, 2-(benzoylethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)	

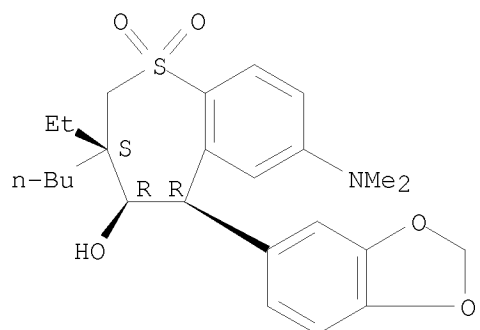
Relative stereochemistry.



RN 197374-50-8 CAPLUS
CN 1-Benzothiepin-4-ol, 5-(1,3-benzodioxol-5-yl)-3-butyl-7-(dimethylamino)-3-

ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

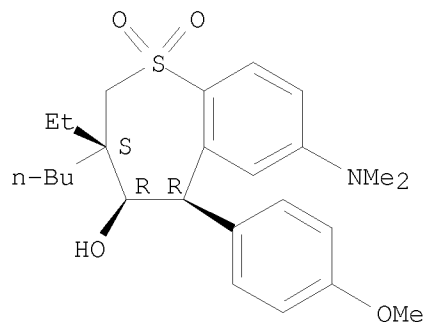
Relative stereochemistry.



RN 197374-51-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

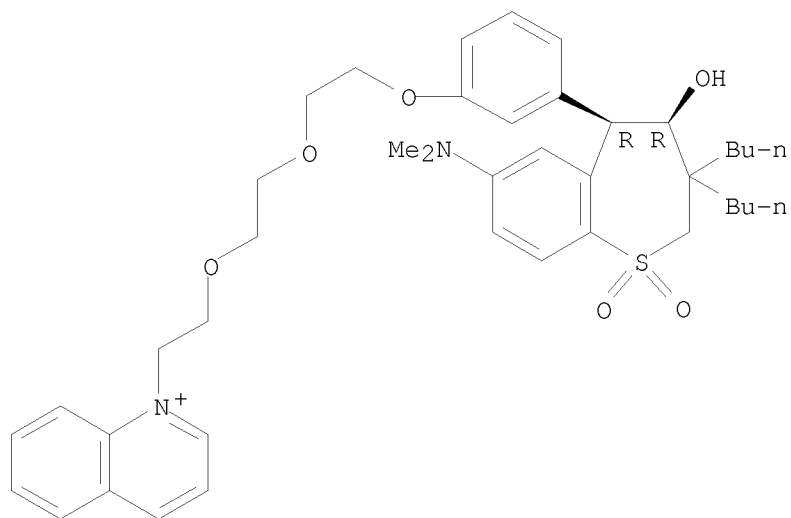


RN 197374-52-0 CAPLUS

CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



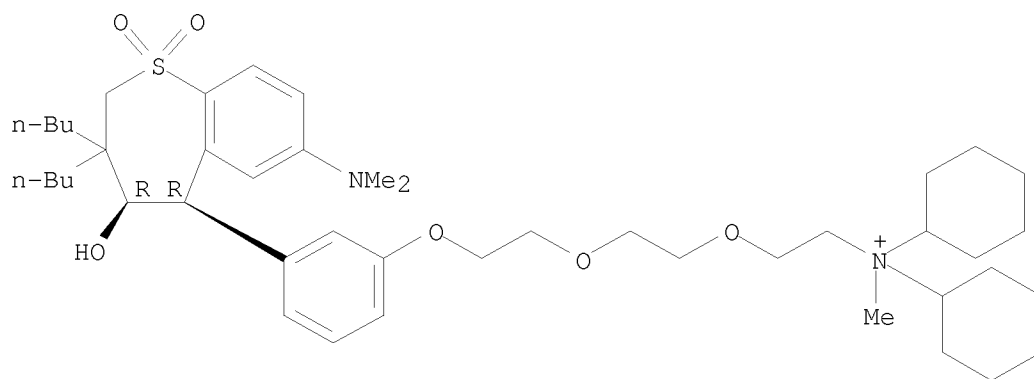
PAGE 2-A



RN 197374-53-1 CAPLUS

CN Cyclohexanaminium, N-cyclohexyl-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-, iodide (1:1), rel- (CA INDEX NAME)

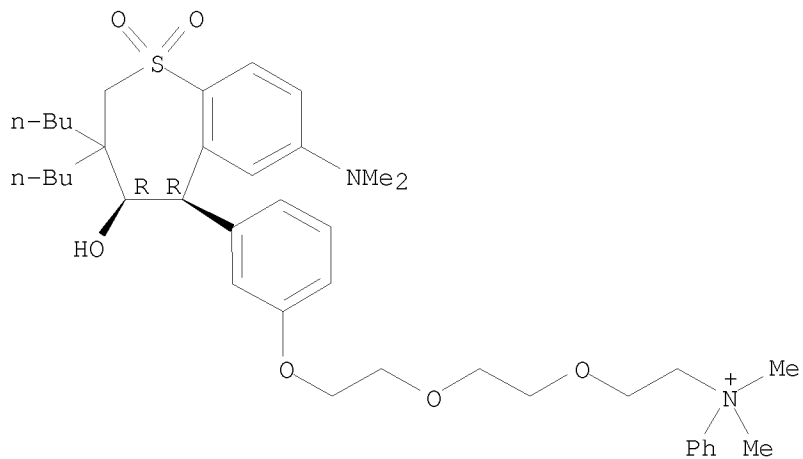
Relative stereochemistry.



10/590,458

RN	197374-54-2	CAPLUS
CN	Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.

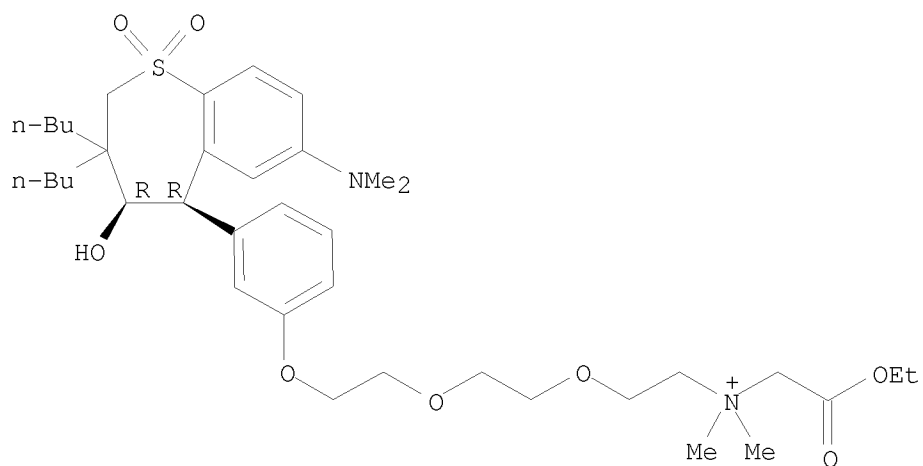


● I -

RN	197374-55-3	CAPLUS
CN	Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-ethoxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.

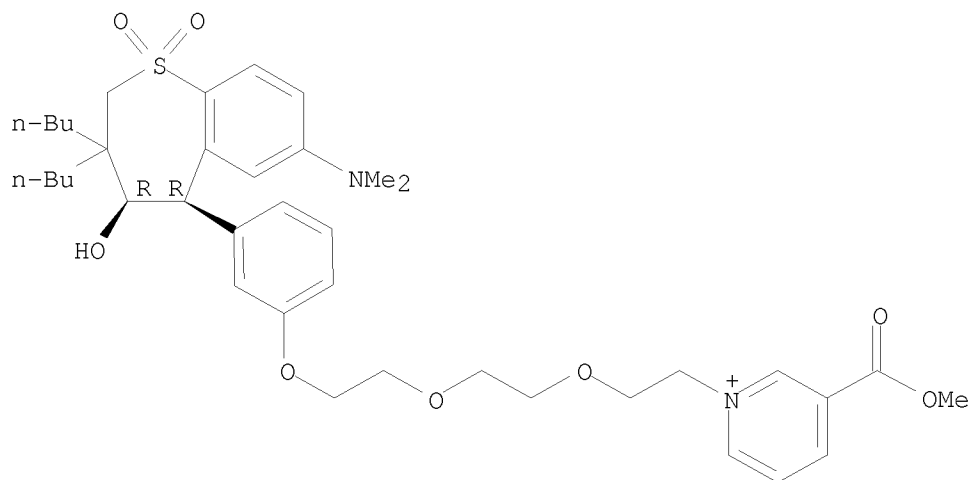
10/590,458



● I^-

RN 197374-56-4 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-3-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



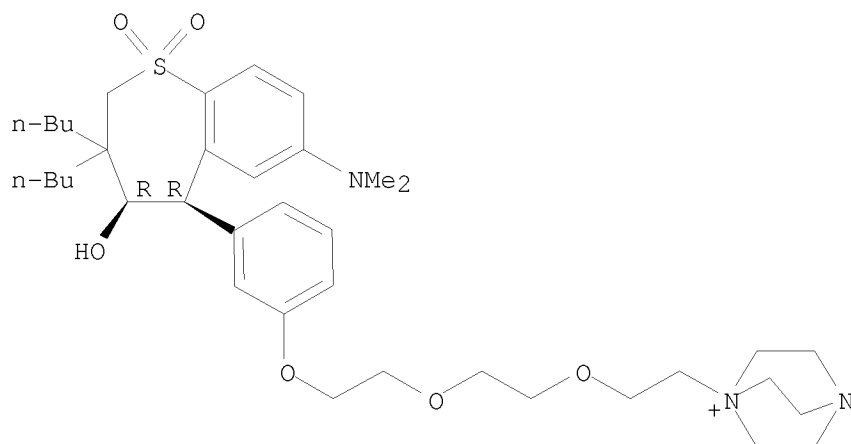
● I^-

RN 197374-57-5 CAPLUS

10/590,458

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-,
iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

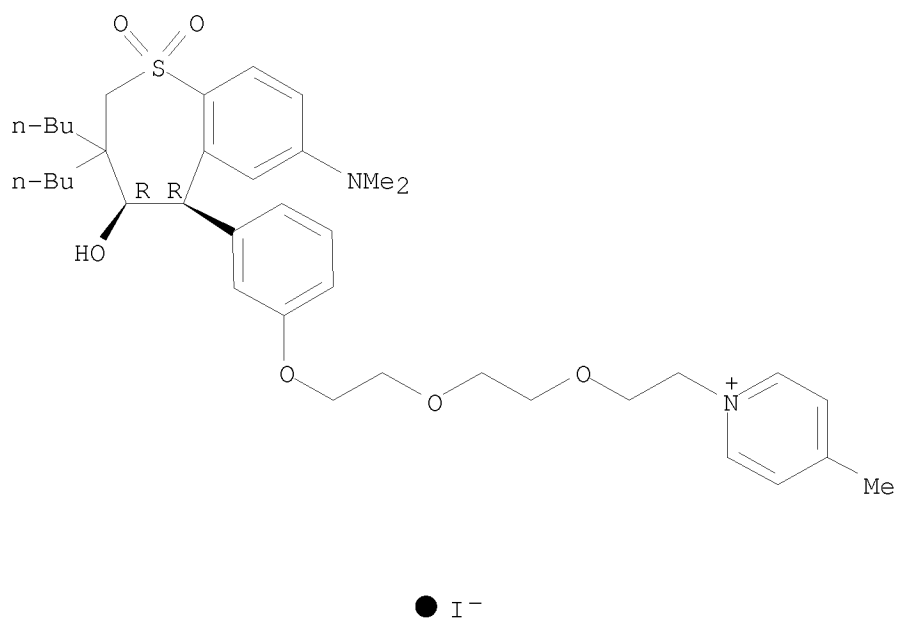


RN 197374-58-6 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX
NAME)

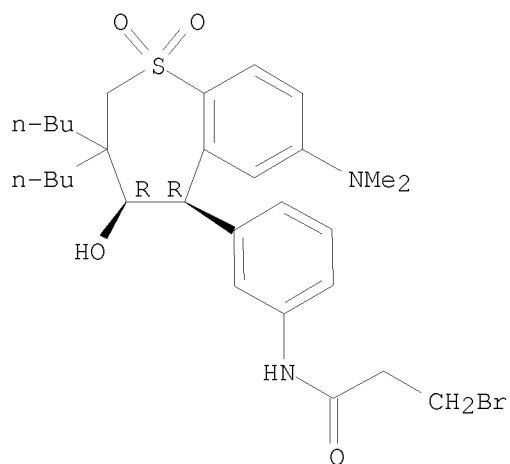
Relative stereochemistry.

10/590,458



RN 197374-59-7 CAPLUS
CN Propanamide, 3-bromo-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

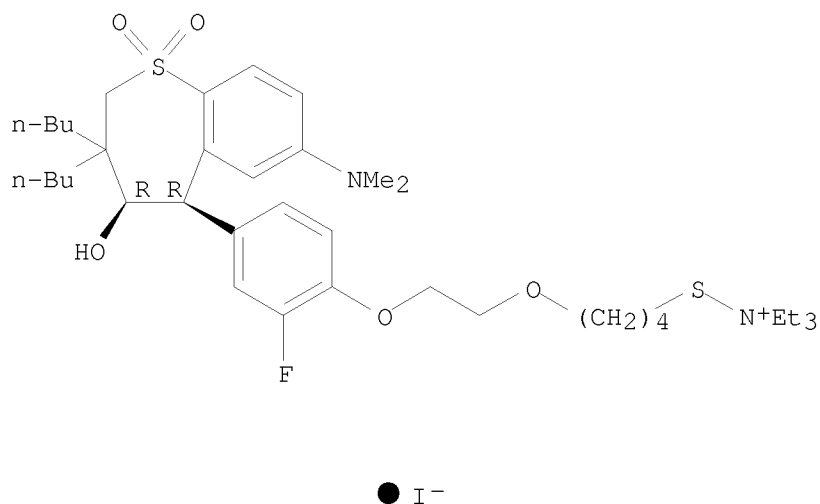
Relative stereochemistry.



RN 197374-60-0 CAPLUS
CN Ethanaminium, N-[[4-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]butyl]thio]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

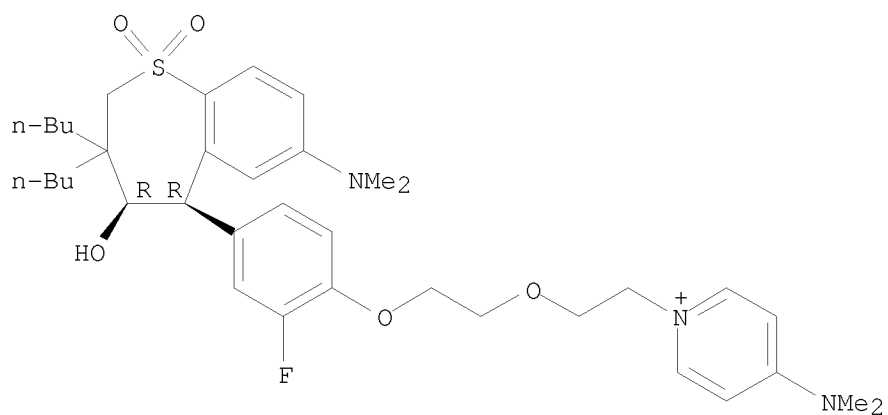


RN 197374-62-2 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-61-1
CMF C37 H53 F N3 O5 S

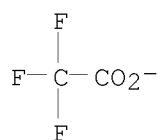
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

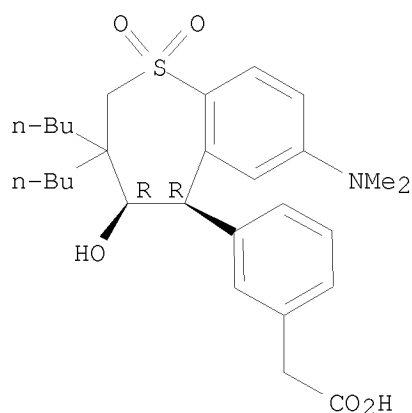
10/590,458



RN 197374-63-3 CAPLUS

CN Benzeneacetic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

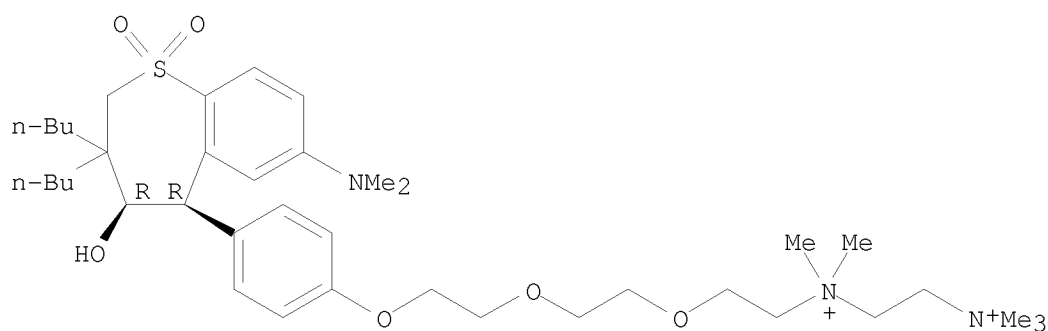
Relative stereochemistry.



RN 197374-64-4 CAPLUS

CN 1,2-Ethanediaminium, N1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

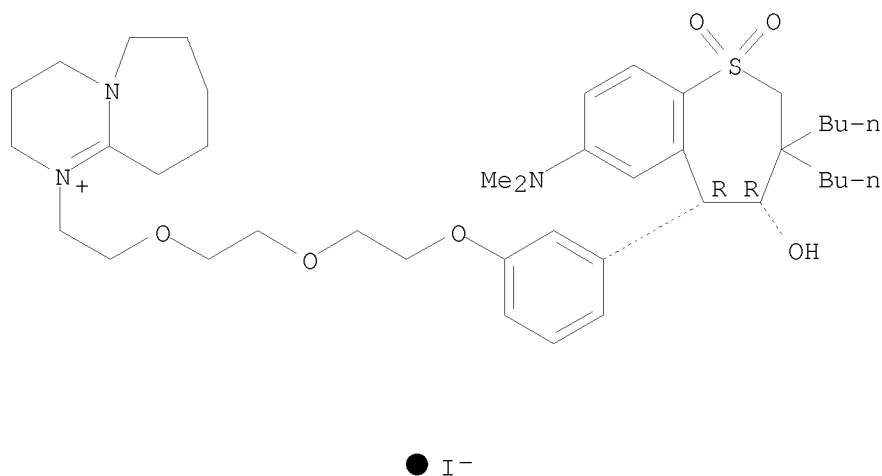


● 2 I⁻

RN 197374-65-5 CAPLUS

CN Pyrimido[1,2-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,3,4,6,7,8,9,10-octahydro-, iodide (1:1), rel- (CA INDEX NAME)

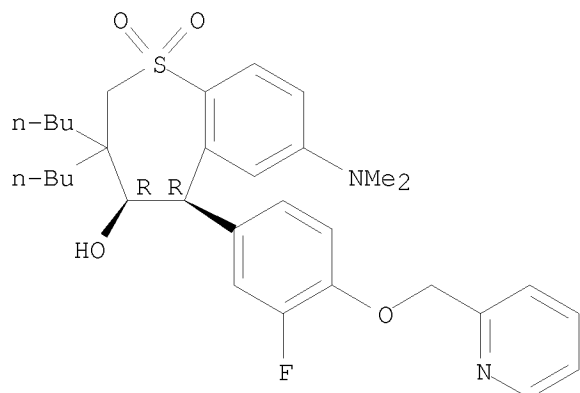
Relative stereochemistry.



RN 197374-68-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(2-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

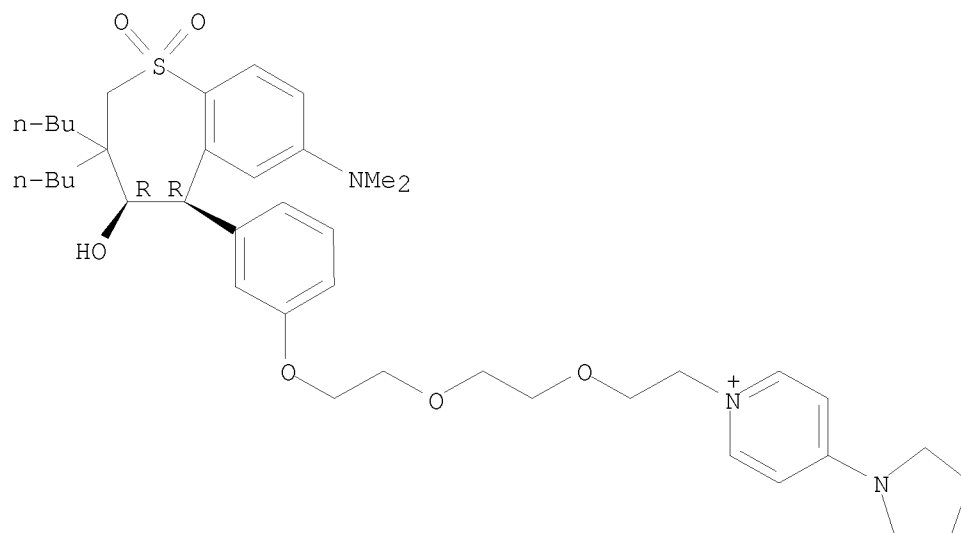


RN 197374-69-9 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-pyrrolidinyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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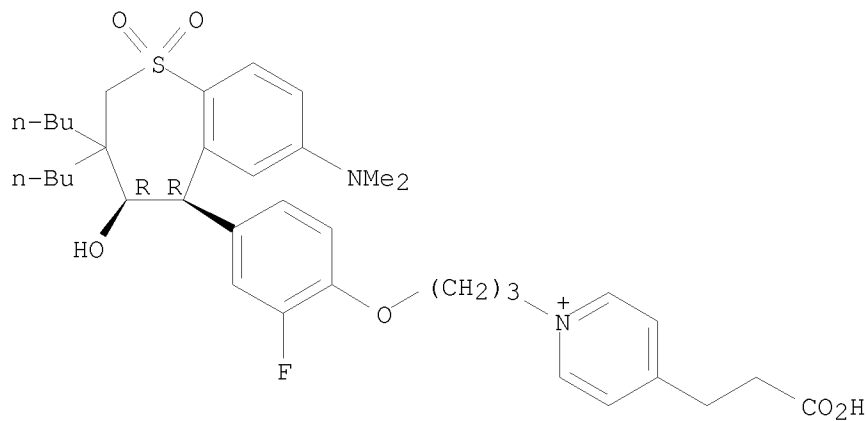


RN 197374-71-3 CAPLUS
 CN Pyridinium, 4-(2-carboxyethyl)-1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-70-2
 CMF C37 H50 F N2 O6 S

Relative stereochemistry.

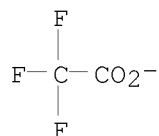


10/590,458

CM 2

CRN 14477-72-6

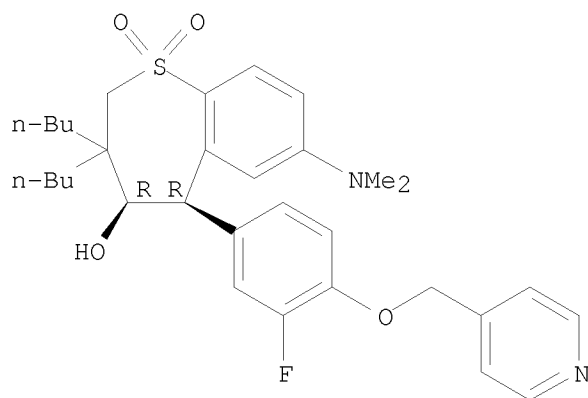
CMF C2 F3 O2



RN 197374-73-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(4-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

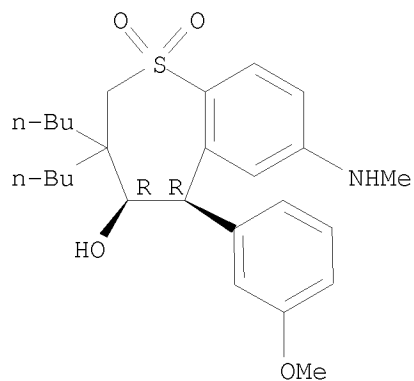


RN 197374-74-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

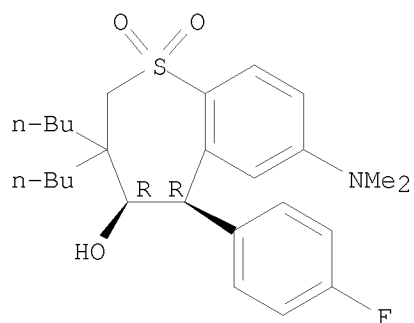
10/590,458



RN 197374-75-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

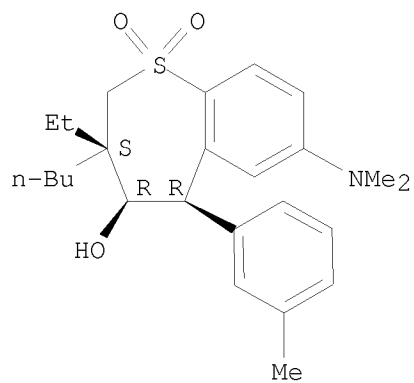
Relative stereochemistry.



RN 197374-76-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

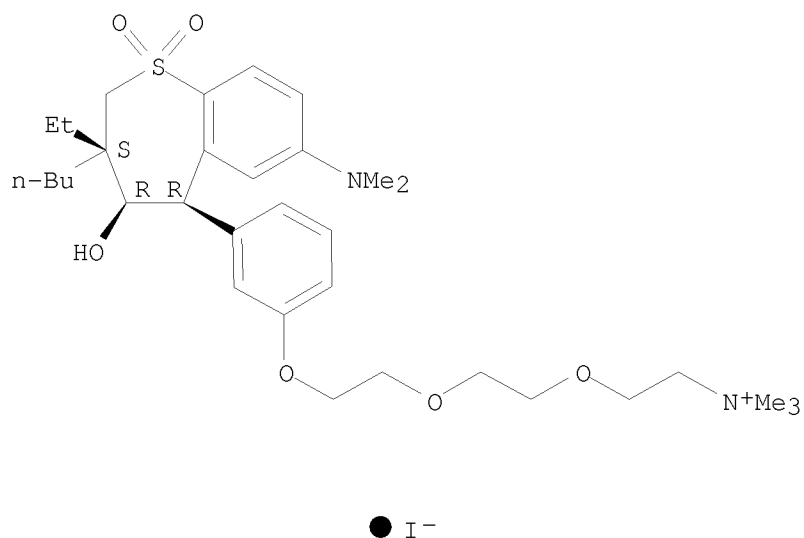


RN 197374-77-9 CAPLUS

10/590,458

CN Ethanaminium, 2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

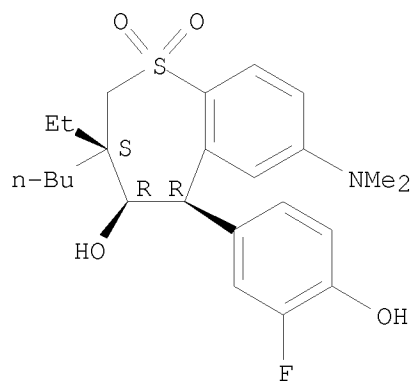
Relative stereochemistry.



RN 197374-78-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

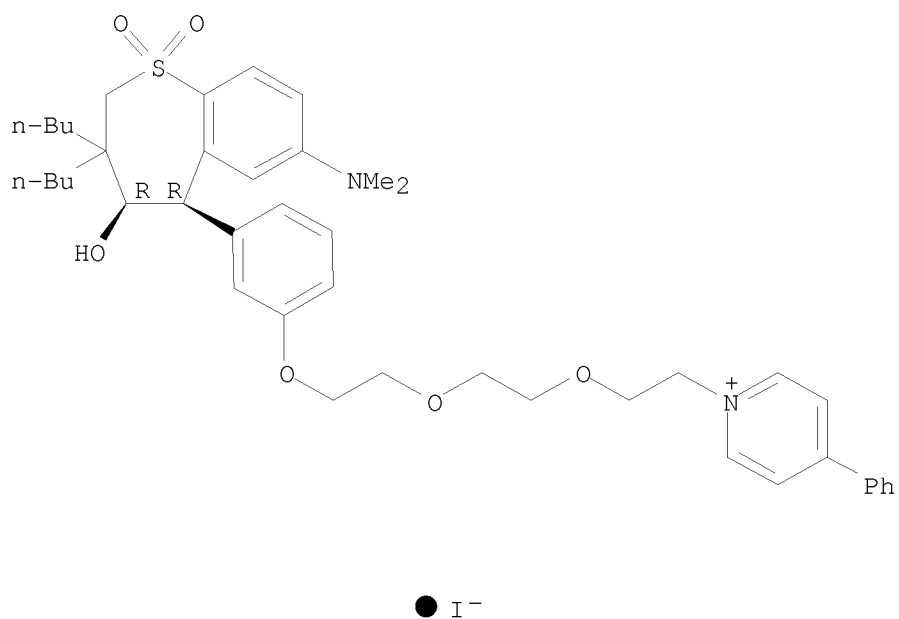


RN 197374-79-1 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

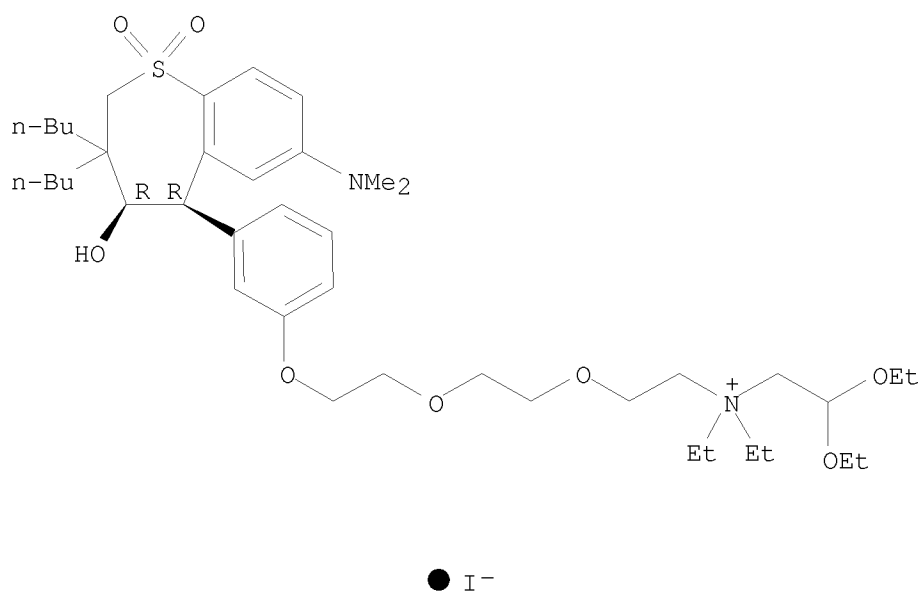
Relative stereochemistry.

10/590,458



RN 197374-80-4 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,2-diethoxy-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



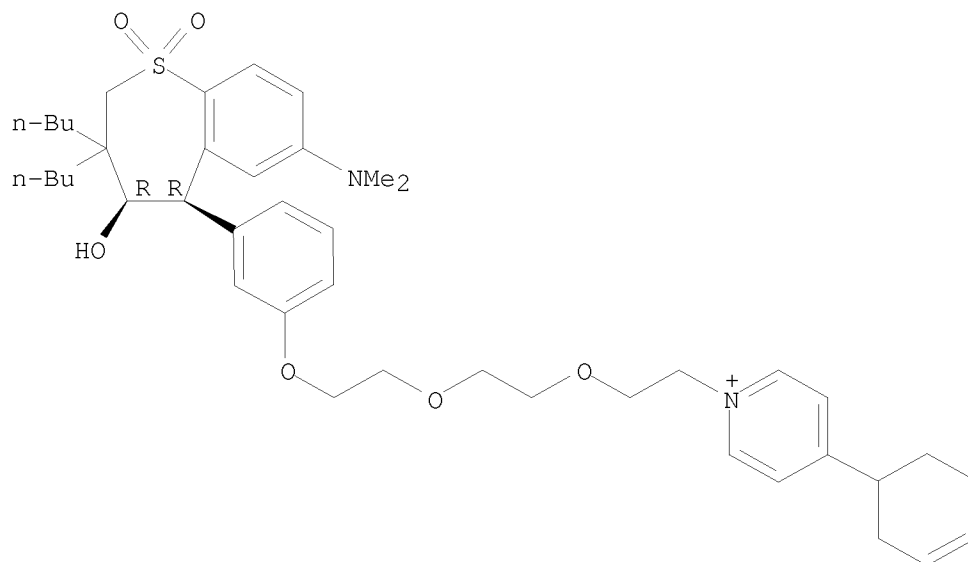
RN 197374-81-5 CAPLUS

10/590,458

CN Pyridinium, 4-(3-cyclohexen-1-yl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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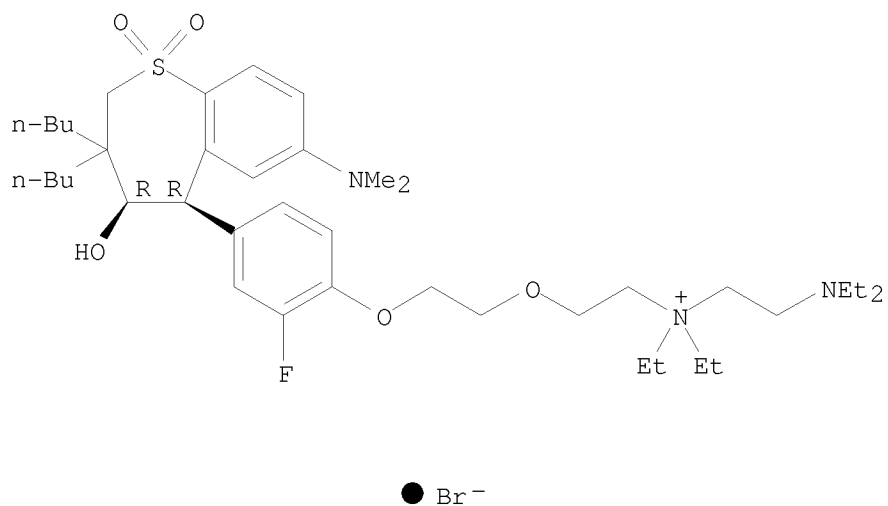


RN 197374-82-6 CAPLUS

CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, bromide (1:1), rel- (CA INDEX NAME)

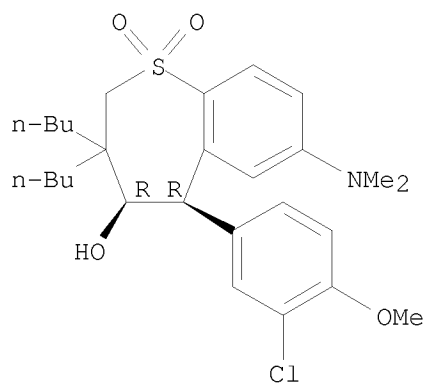
Relative stereochemistry.

10/590,458



RN 197374-83-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

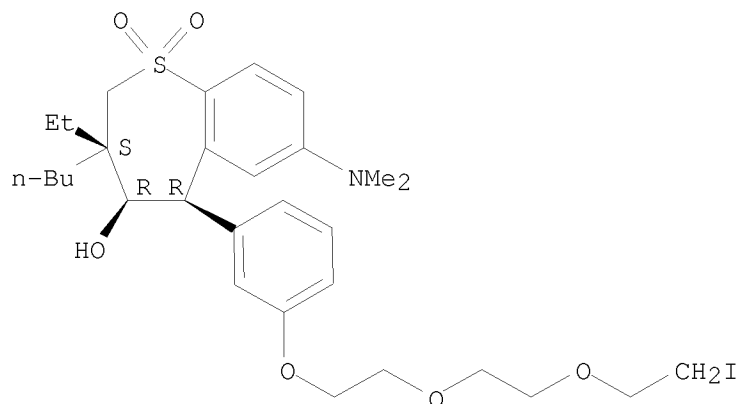
Relative stereochemistry.



RN 197374-84-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

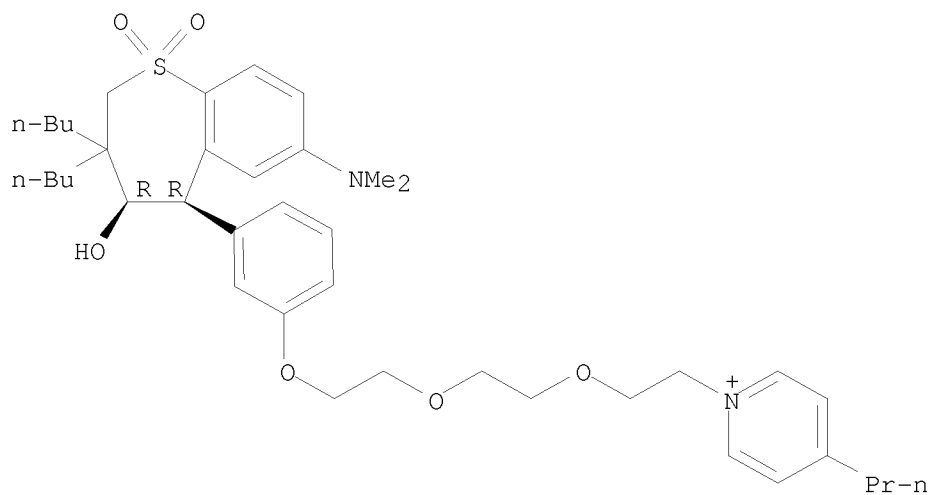
Relative stereochemistry.

10/590,458



RN 197374-85-9 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-propyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

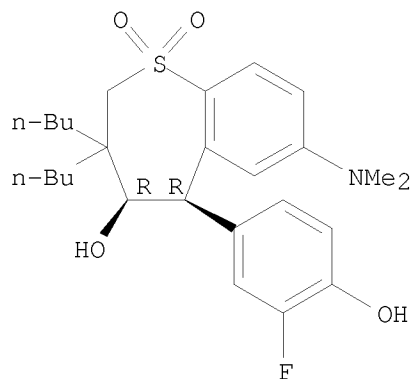


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RN 197374-86-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

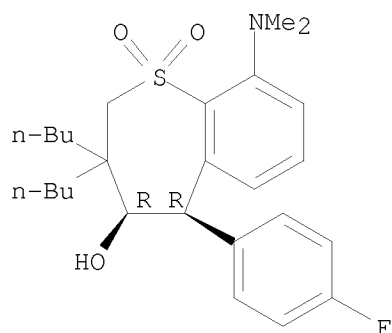
10/590,458



RN 197374-87-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

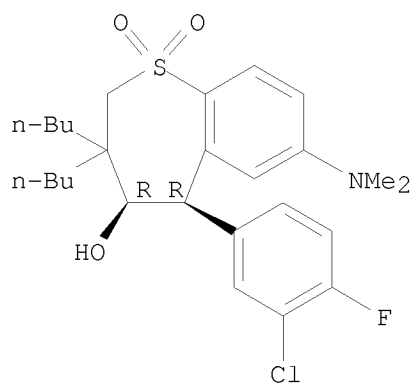
Relative stereochemistry.



RN 197374-88-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-fluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

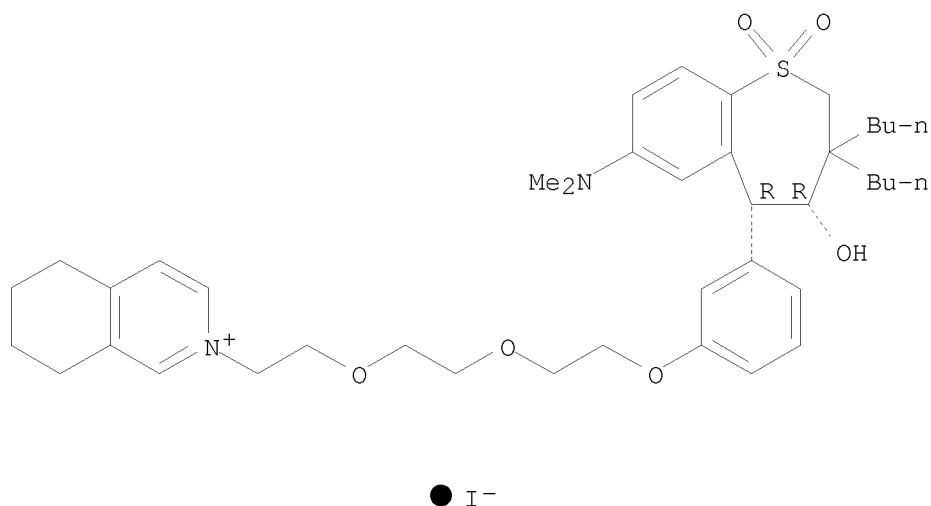


10/590,458

RN 197374-89-3 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5,6,7,8-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

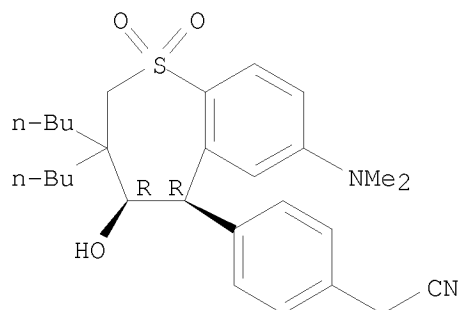
Relative stereochemistry.



RN 197374-90-6 CAPLUS

CN Benzeneacetonitrile, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

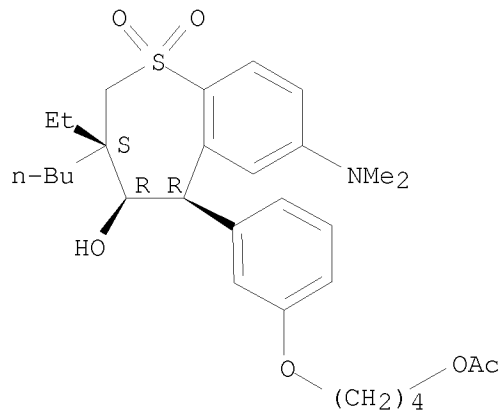


RN 197374-91-7 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-[4-(acetyloxy)butoxy]phenyl]-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

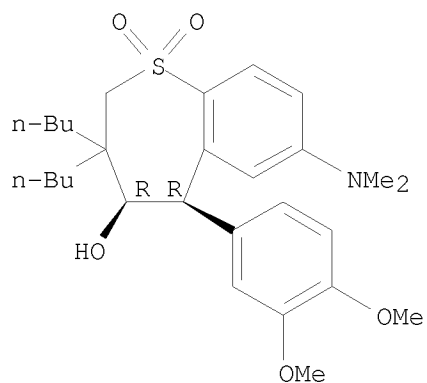
10/590,458



RN 197374-92-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-dimethoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

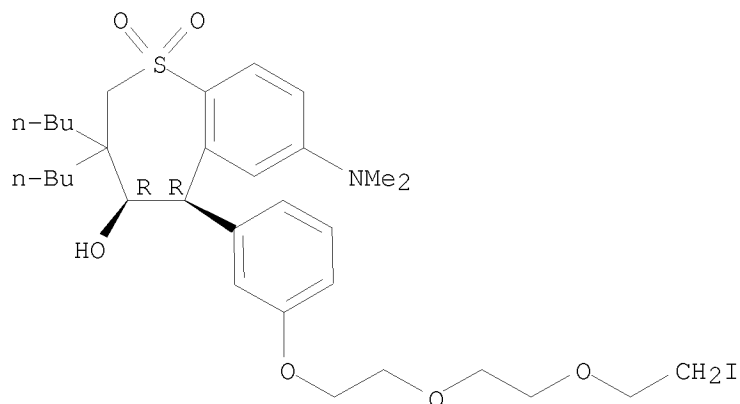


RN 197374-93-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

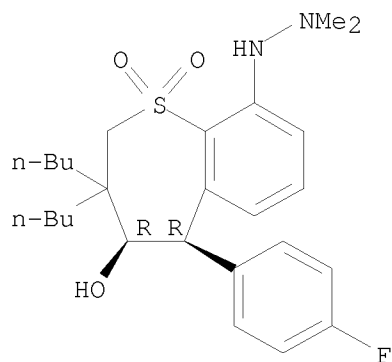
10/590,458



RN 197374-94-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(2,2-dimethylhydrazinyl)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

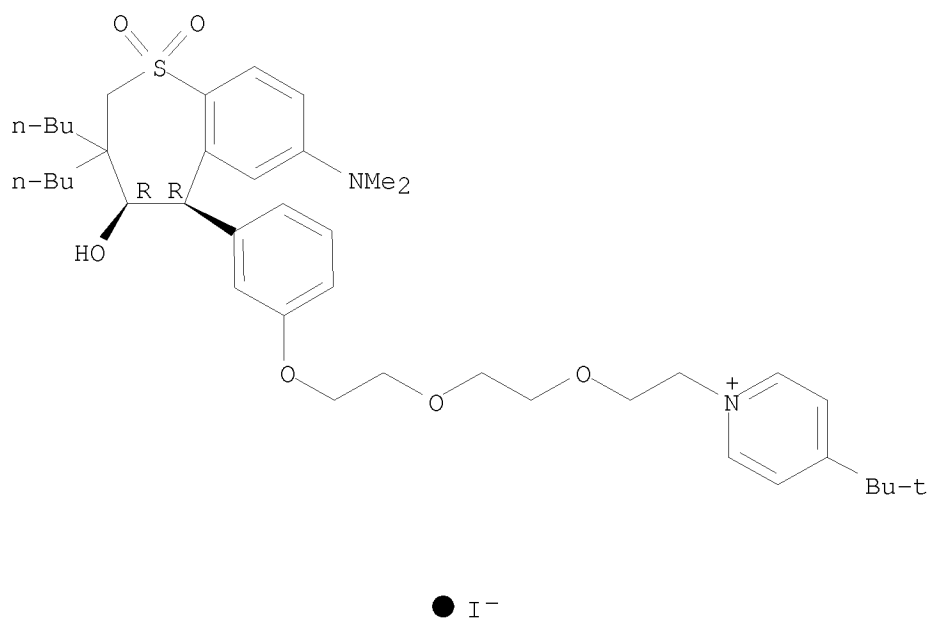


RN 197374-95-1 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1,1-dimethylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

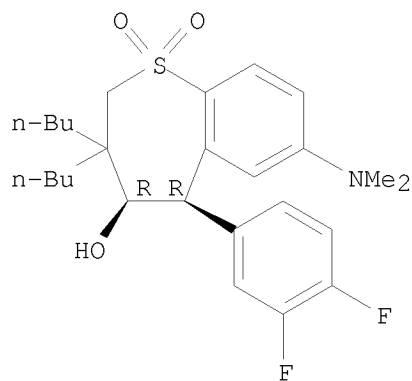
10/590,458



RN 197374-96-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-difluorophenyl)-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

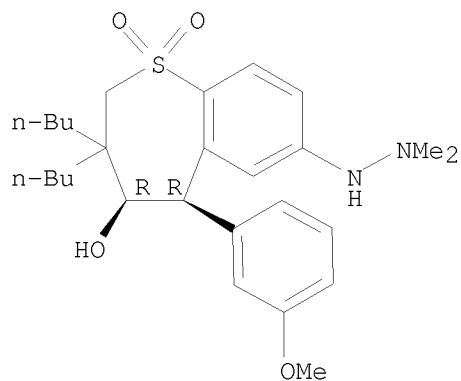


RN 197374-97-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(2,2-dimethylhydrazinyl)-2,3,4,5-
tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX
NAME)

Relative stereochemistry.

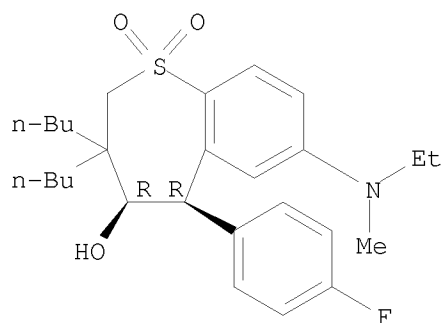
10/590,458



RN 197374-98-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethlamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

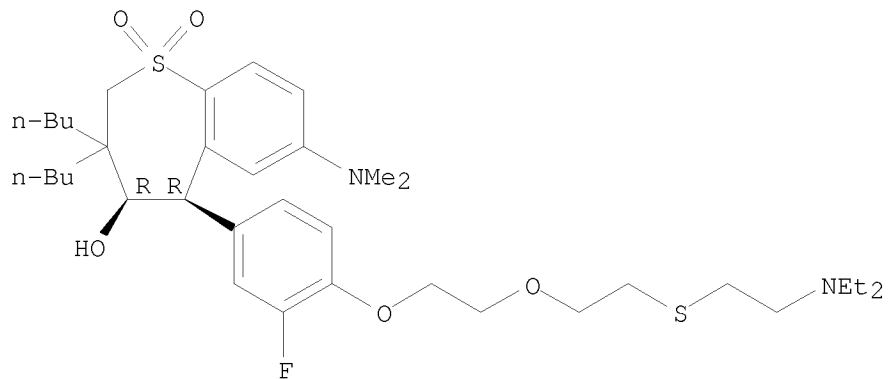
Relative stereochemistry.



RN 197374-99-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[[2-(
(diethylamino)ethyl]thio]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

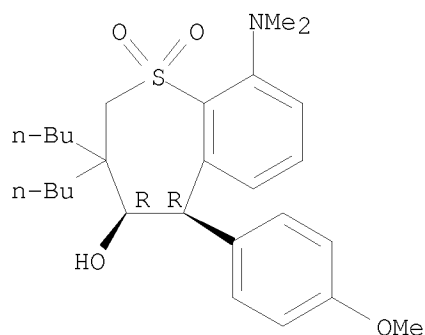


10/590,458

RN 197375-00-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

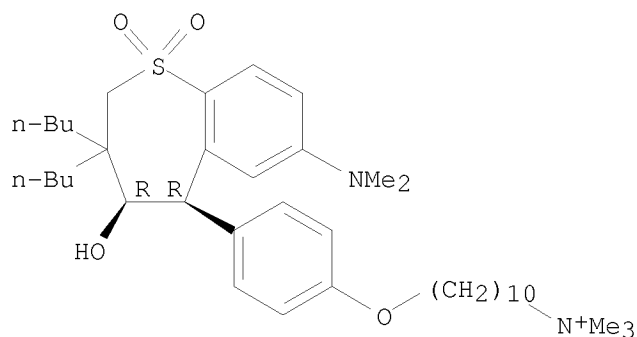
Relative stereochemistry.



RN 197375-01-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

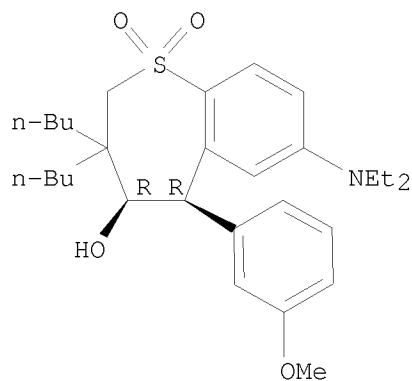


RN 197375-02-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

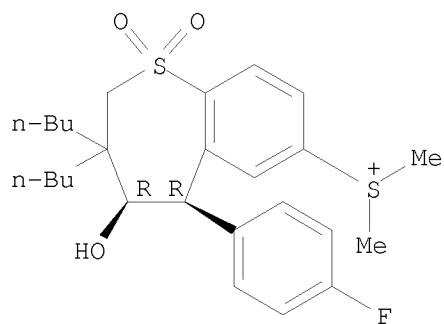
10/590,458



RN 197375-03-4 CAPLUS

CN Sulfonium, [(4R,5R)-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]dimethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



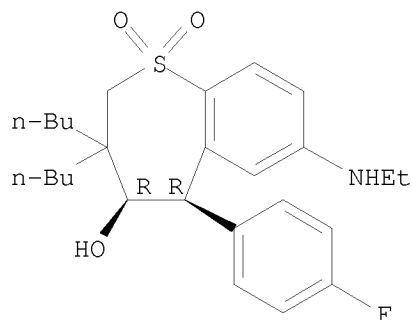
● F⁻

RN 197375-04-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

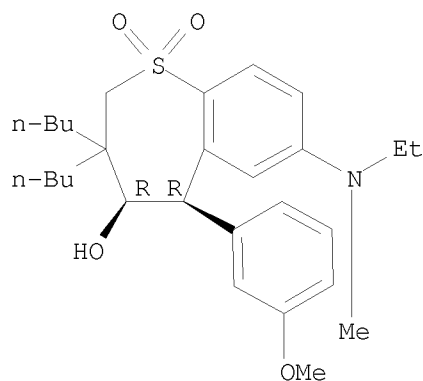
10/590,458



RN 197375-05-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylanino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

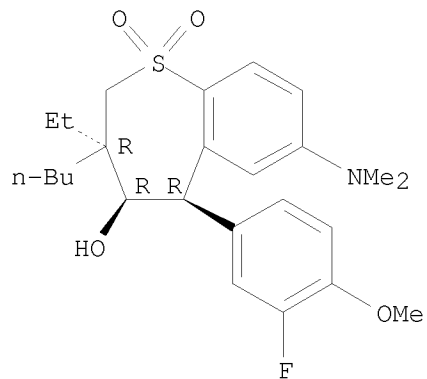
Relative stereochemistry.



RN 197375-06-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

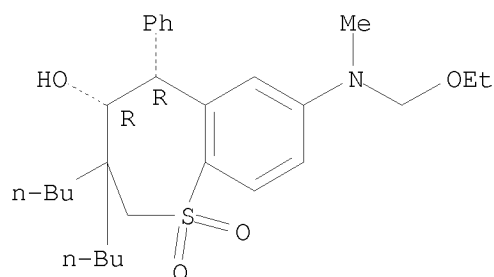


10/590,458

RN 197375-07-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(ethoxymethyl)methylamino]-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

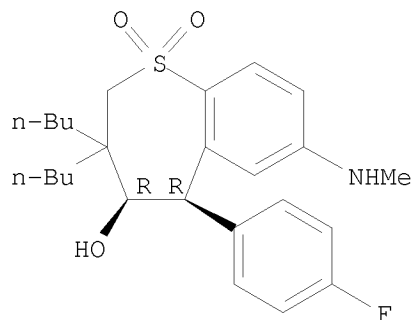
Relative stereochemistry.



RN 197375-08-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

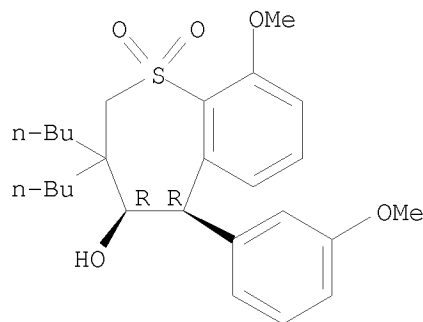
Relative stereochemistry.



RN 197375-09-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-9-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

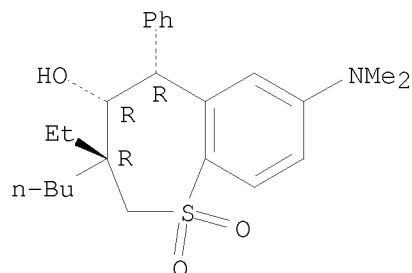


RN 197375-11-4 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

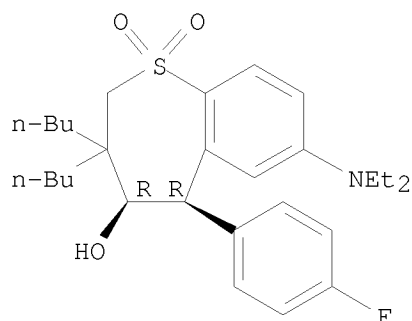
Relative stereochemistry.



RN 197375-12-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

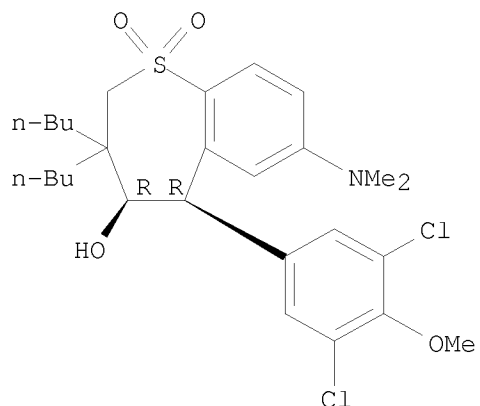


RN 197375-13-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

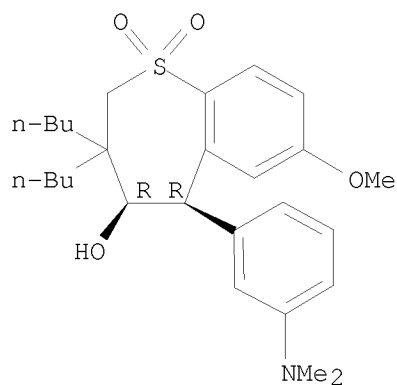
10/590,458



RN 197375-14-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

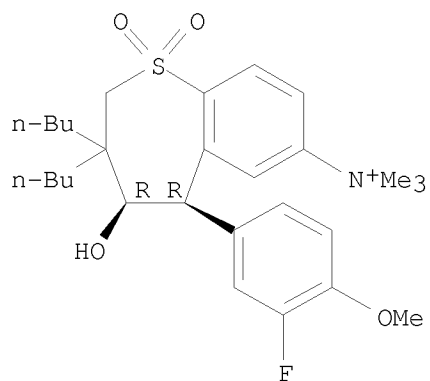


RN 197375-16-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

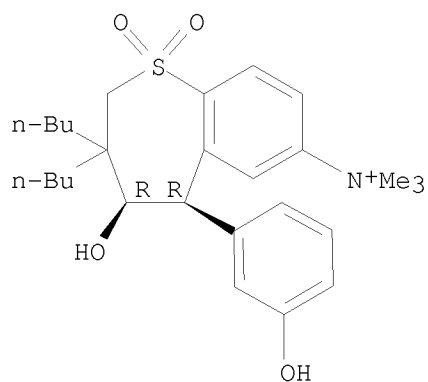
Relative stereochemistry.

10/590,458



RN 197375-17-0 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

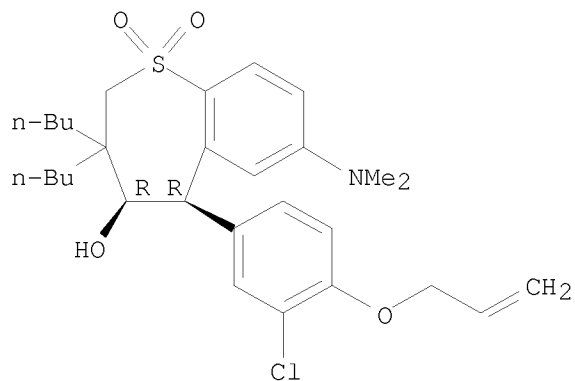
Relative stereochemistry.



RN 197375-20-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-chloro-4-(2-propen-1-yloxy)phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

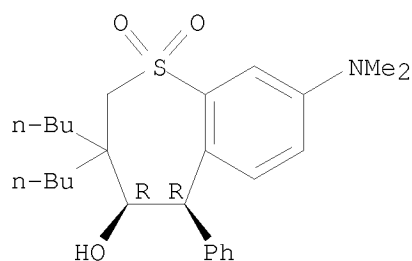
10/590,458



RN 197375-22-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

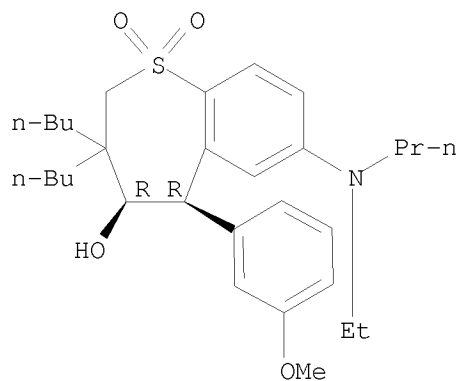
Relative stereochemistry.



RN 197375-23-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

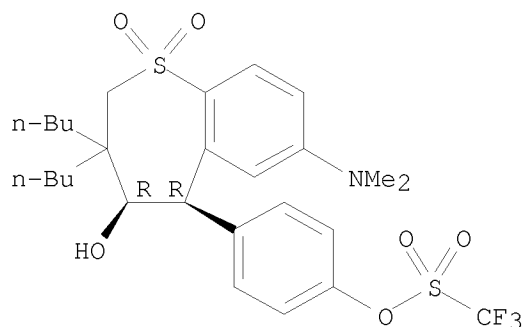


RN 197375-24-9 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-

dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

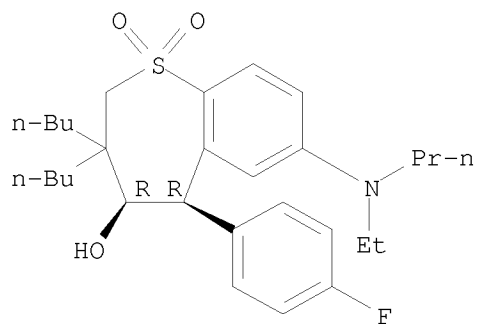
Relative stereochemistry.



RN 197375-25-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

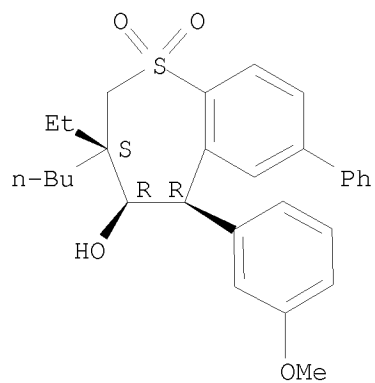
Relative stereochemistry.



RN 197375-26-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

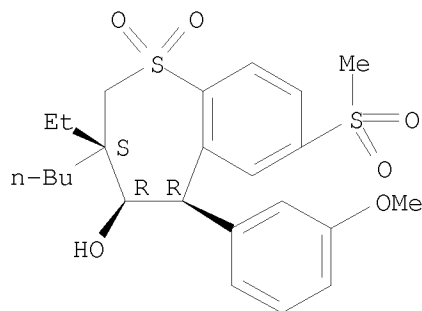


10/590,458

RN 197375-28-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfonyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

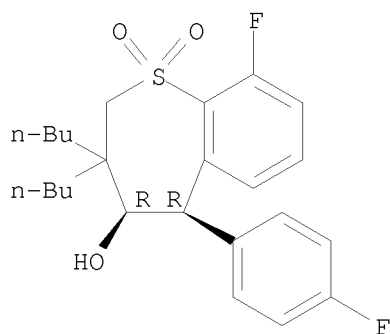
Relative stereochemistry.



RN 197375-30-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

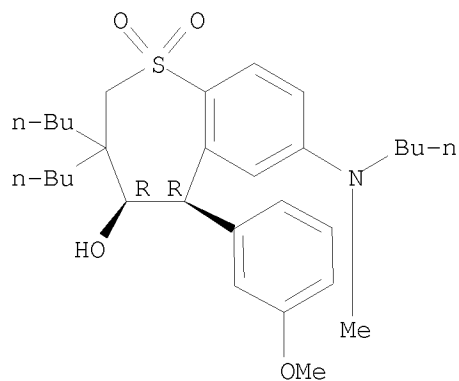


RN 197375-32-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

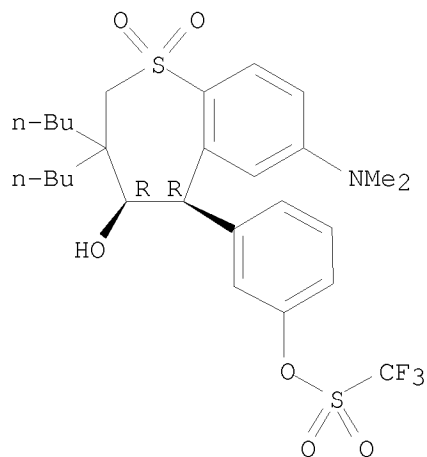
10/590,458



RN 197375-34-1 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-,
3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

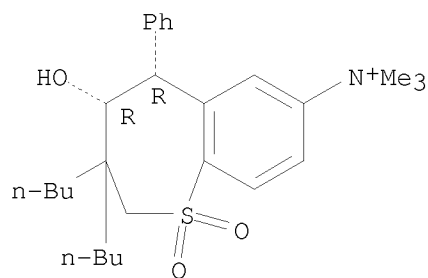


RN 197375-39-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

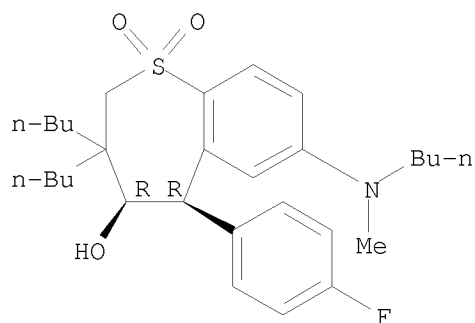
10/590,458



RN 197375-42-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

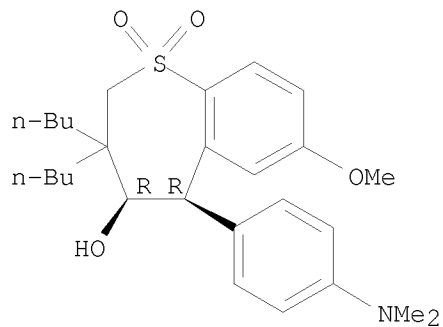
Relative stereochemistry.



RN 197375-44-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

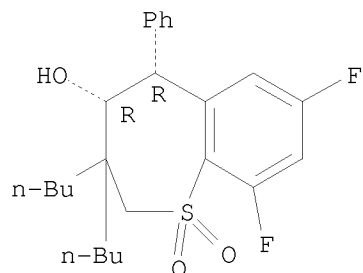


RN 197375-52-3 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

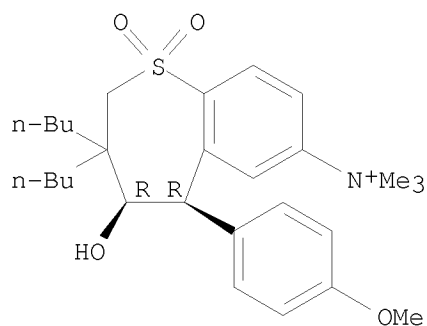
Relative stereochemistry.



RN 197375-57-8 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

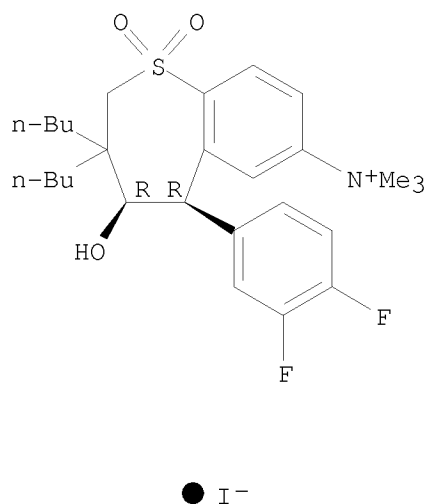


RN 197375-60-3 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3,4-difluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

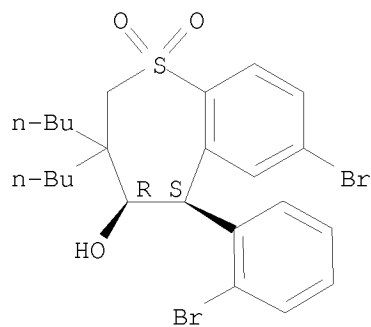
10/590,458



RN 197375-63-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-5-(2-bromophenyl)-3,3-dibutyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

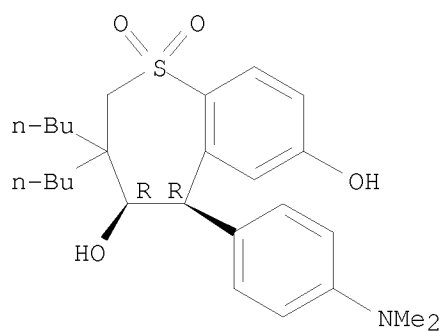


RN 197375-66-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

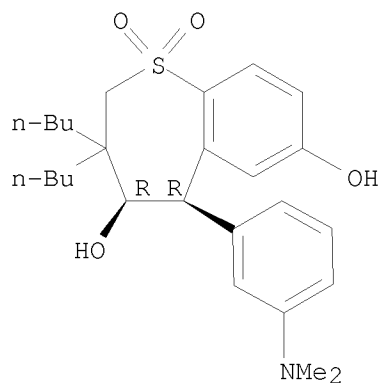
10/590,458



RN 197375-68-1 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

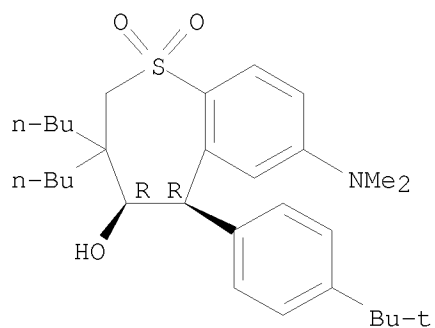
Relative stereochemistry.



RN 197375-70-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-(1,1-dimethylethyl)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



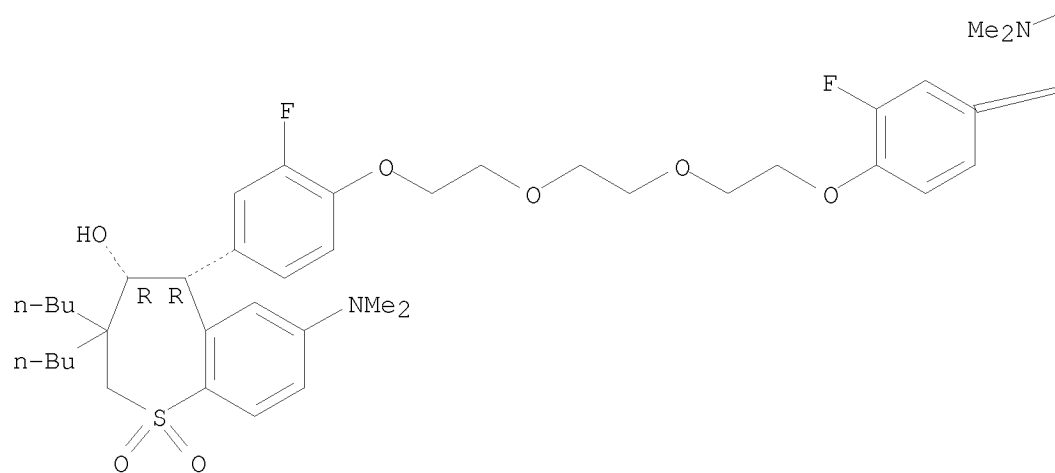
RN 197375-72-7 CAPLUS

10/590,458

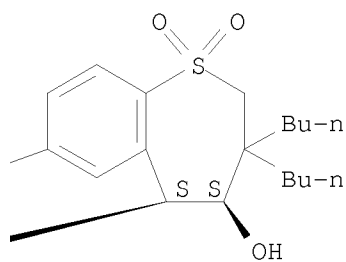
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis[oxy-2,1-ethanediyl]oxy(3-fluoro-4,1-phenylene)]]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

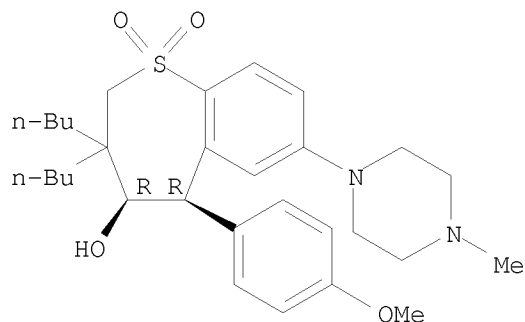


RN 197375-74-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

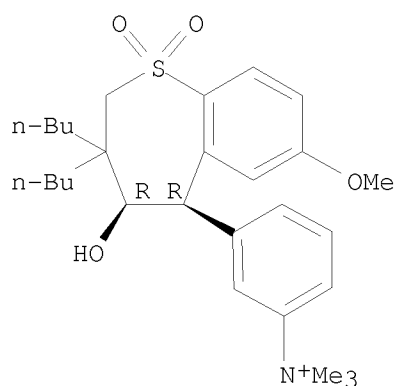
10/590,458



RN 197375-75-0 CAPLUS

CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

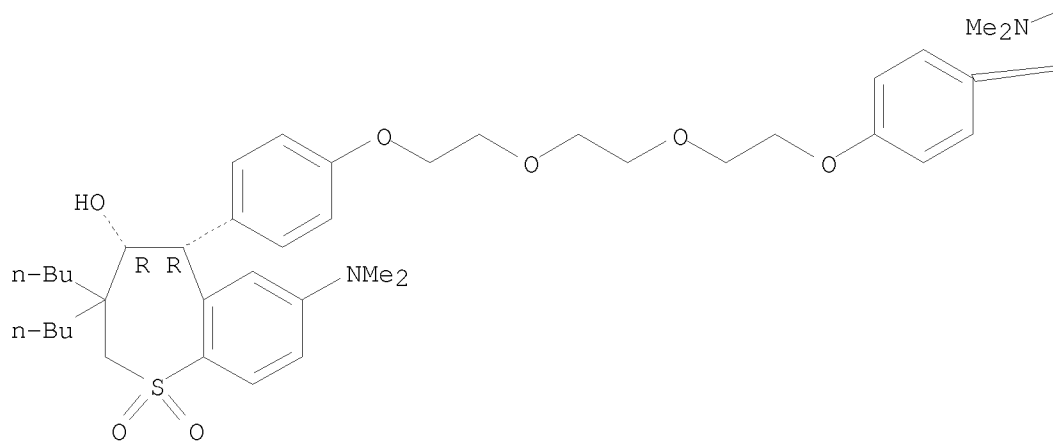


RN 197375-82-9 CAPLUS

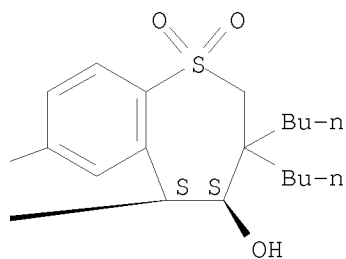
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy-4,1-phenylene]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



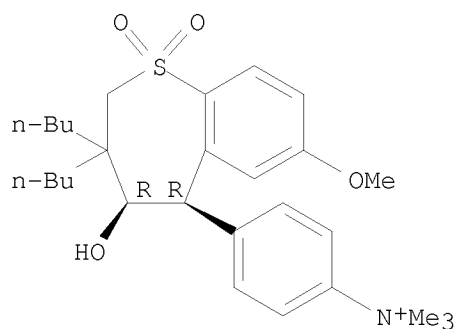
PAGE 1-B



RN 197375-86-3 CAPLUS

CN Benzenaminium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

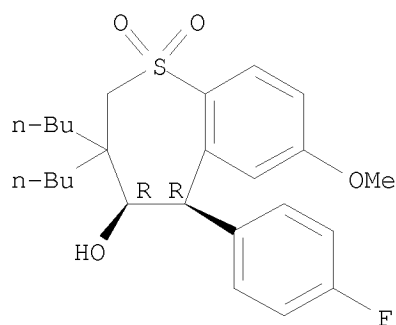
Relative stereochemistry.



RN 197375-89-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT	197375-93-2P	197375-94-3P	197375-96-5P
	197375-98-7P	197376-00-4P	197376-02-6P
	197376-04-8P	197376-07-1P	197376-08-2P
	197376-09-3P	197376-10-6P	197376-11-7P
	197376-12-8P	197376-13-9P	197376-14-0P
	197376-15-1P	197376-17-3P	197376-18-4P
	197376-19-5P	197376-21-9P	197376-22-0P
	197376-25-3P	197376-31-1P	197376-32-2P
	197376-34-4P	197376-36-6P	197376-38-8P
	197376-40-2P	197376-42-4P	197376-46-8P
	197376-49-1P	197376-52-6P	197376-55-9P
	197376-58-2P	197376-61-7P	197376-64-0P
	197376-67-3P	197376-69-5P	197376-73-1P
	197376-74-2P	197376-75-3P	197376-78-6P
	197376-79-7P	197376-82-2P	197376-83-3P
	197376-84-4P	197376-85-5P	197376-86-6P
	197376-88-8P	197376-89-9P	197376-90-2P
	197376-92-4P	197376-94-6P	197376-95-7P
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289038-45-5P	289056-45-7P	289056-46-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

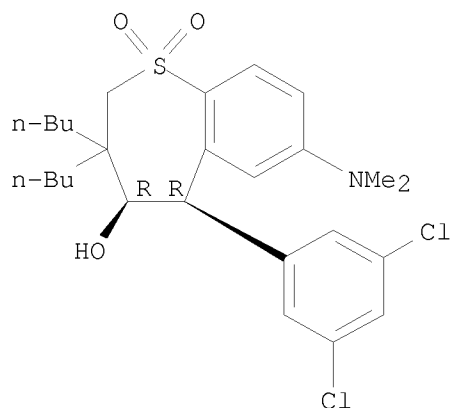
(hypolipemic agent; preparation of substituted 5-aryl-benzothiepienes by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

10/590,458

RN 197375-93-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichlorophenyl)-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

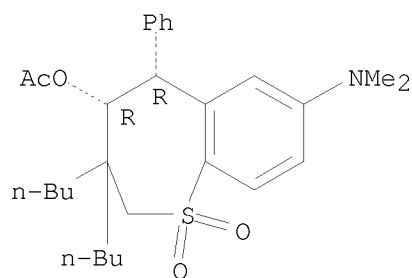
Relative stereochemistry.



RN 197375-94-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-
phenyl-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

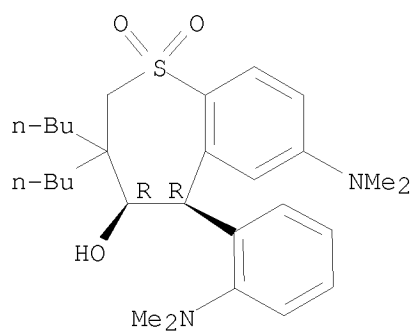


RN 197375-96-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[2-
(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA
INDEX NAME)

Relative stereochemistry.

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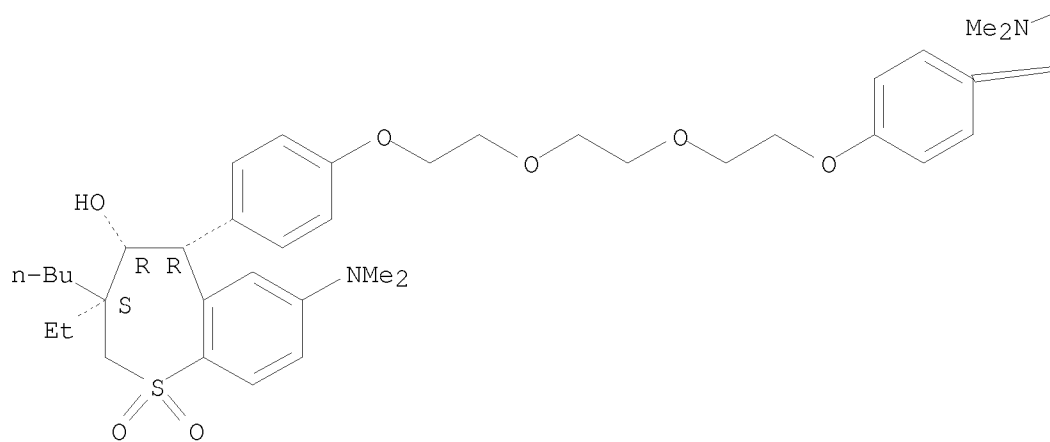


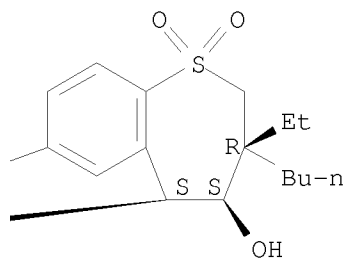
RN 197375-98-7 CAPLUS

CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl-4,1-phenylene)]bis[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'S,4S,4'R,5S,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

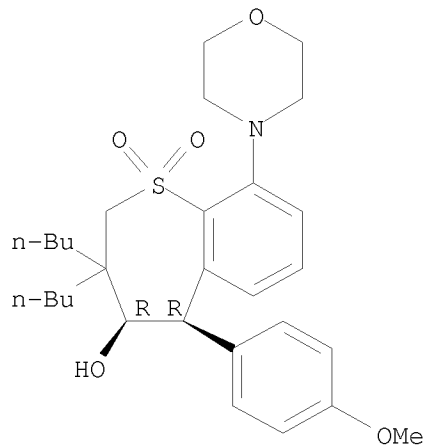




RN 197376-00-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

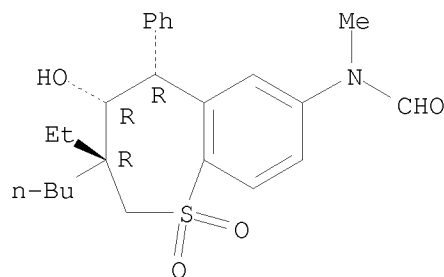
Relative stereochemistry.



RN 197376-02-6 CAPLUS

CN Formamide, N-[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



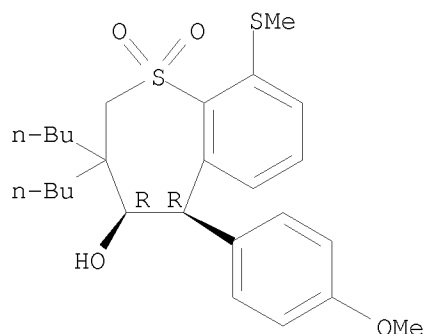
RN 197376-04-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-

10/590,458

(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

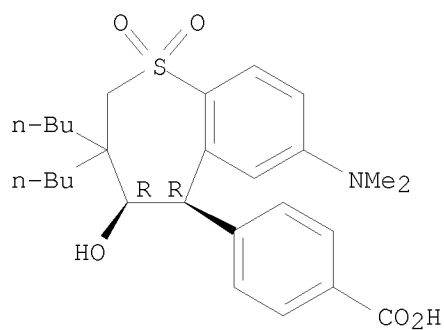
Relative stereochemistry.



RN 197376-07-1 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

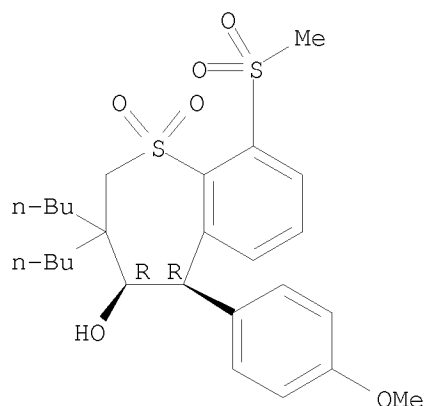


RN 197376-08-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(methylsulfonyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

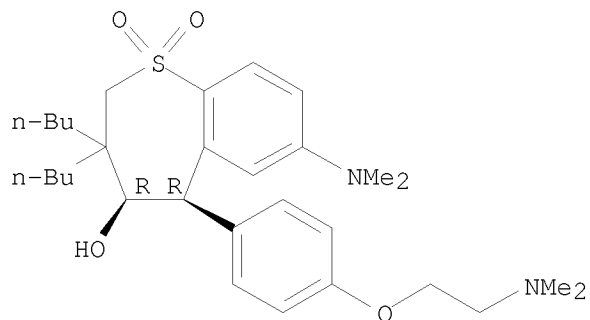
10/590,458



RN 197376-09-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-(dimethylamino)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

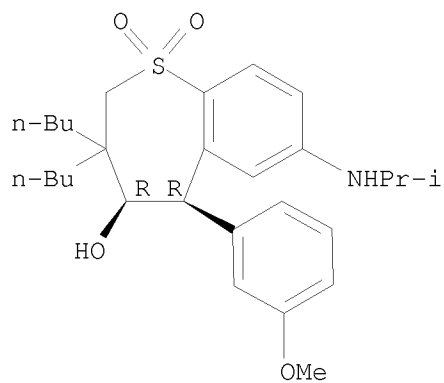
Relative stereochemistry.



RN 197376-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

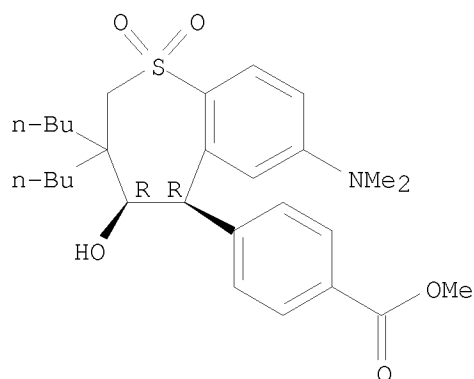


10/590,458

RN 197376-11-7 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

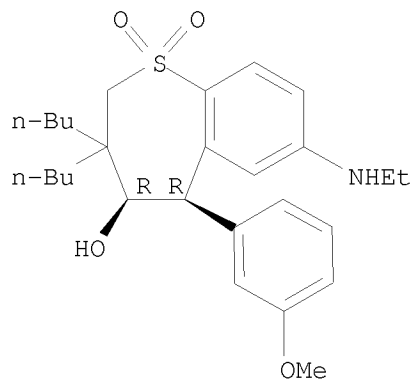
Relative stereochemistry.



RN 197376-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

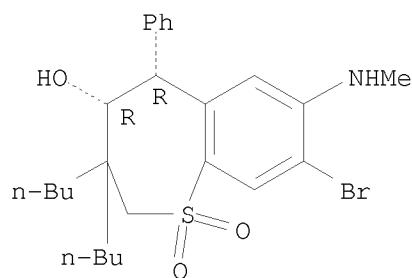


RN 197376-13-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-2,3,4,5-tetrahydro-7-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

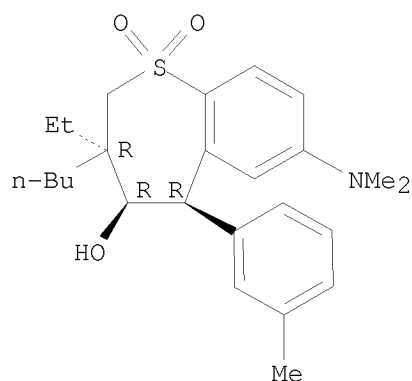
10/590,458



RN 197376-14-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

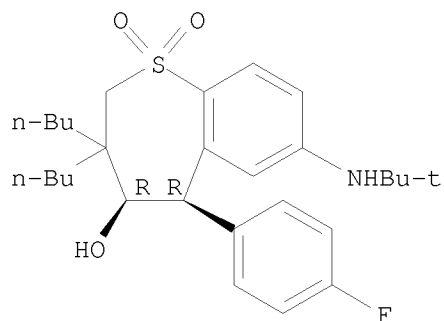
Relative stereochemistry.



RN 197376-15-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



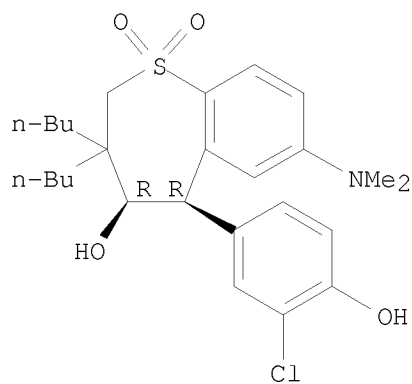
RN 197376-17-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-hydroxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

NAME)

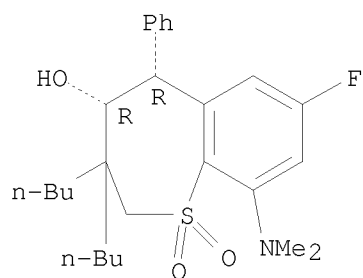
Relative stereochemistry.



RN 197376-18-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

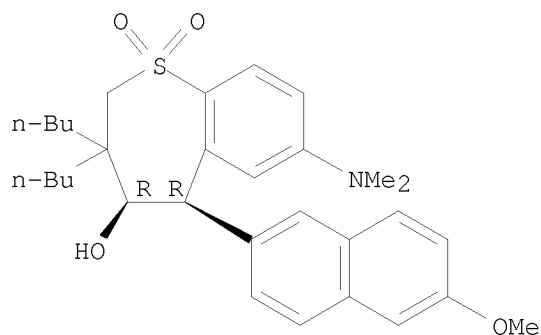
Relative stereochemistry.



RN 197376-19-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-methoxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

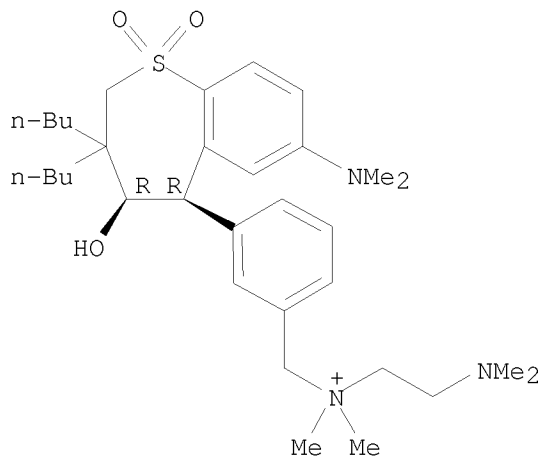


10/590,458

RN 197376-21-9 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

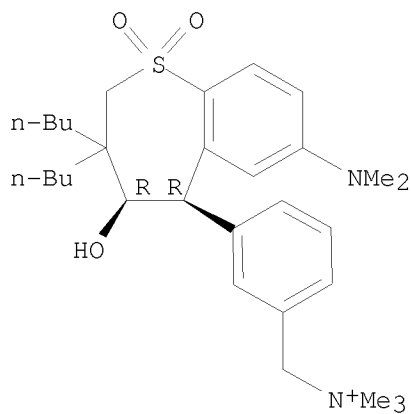
Relative stereochemistry.



RN 197376-22-0 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

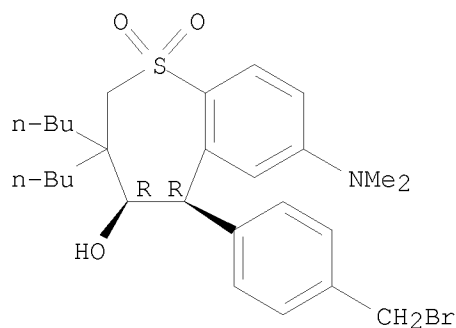
Relative stereochemistry.



10/590,458

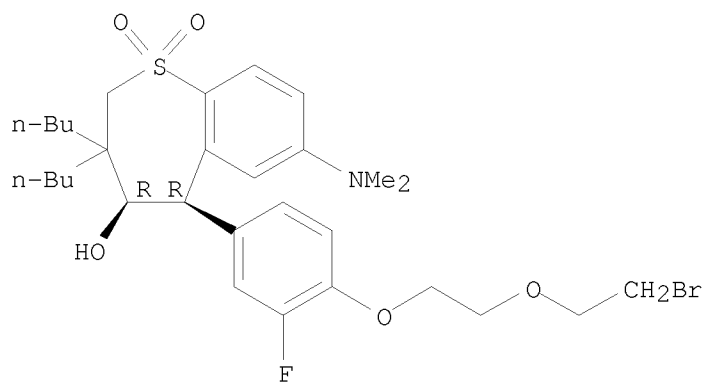
RN 197376-25-3 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197376-31-1 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

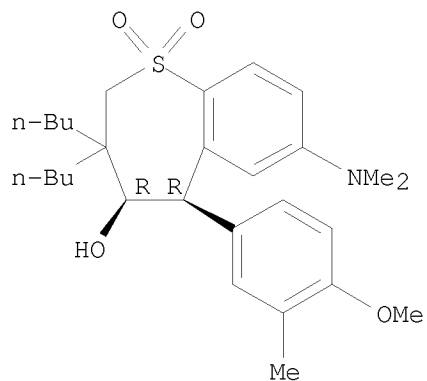
Relative stereochemistry.



RN 197376-32-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxy-3-methylphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

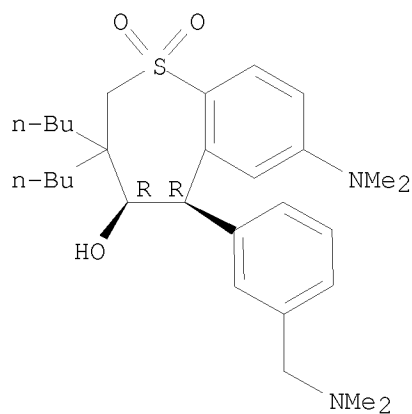
10/590,458



RN 197376-34-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

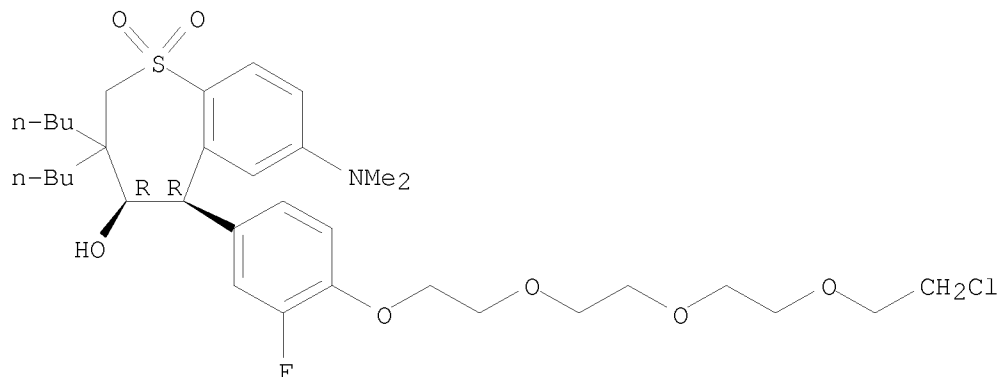


RN 197376-36-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[2-(2-chloroethoxy)ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

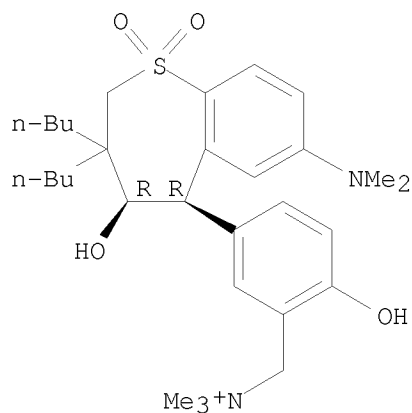
10/590,458



RN 197376-38-8 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-hydroxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



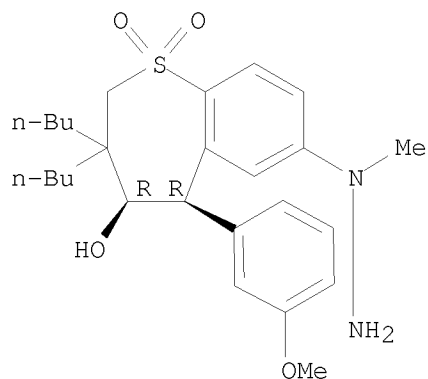
● I⁻

RN 197376-40-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylhydrazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

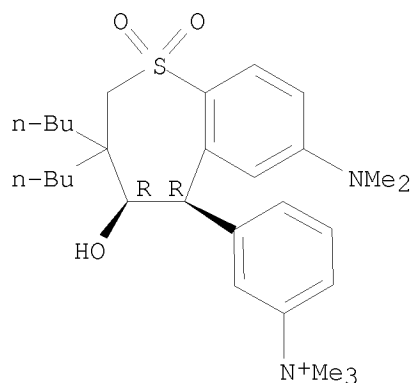
10/590,458



RN 197376-42-4 CAPLUS

CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



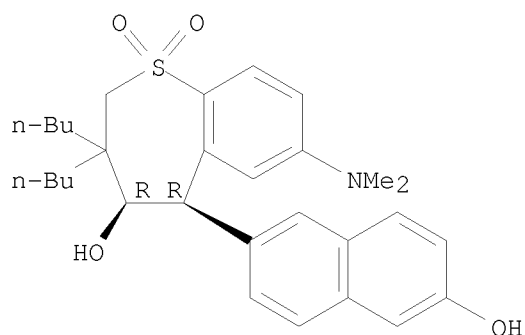
● I⁻

RN 197376-46-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-hydroxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

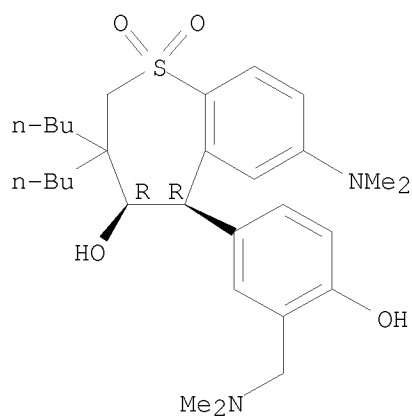
Relative stereochemistry.

10/590,458



RN 197376-49-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-
[(dimethylamino)methyl]-4-hydroxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



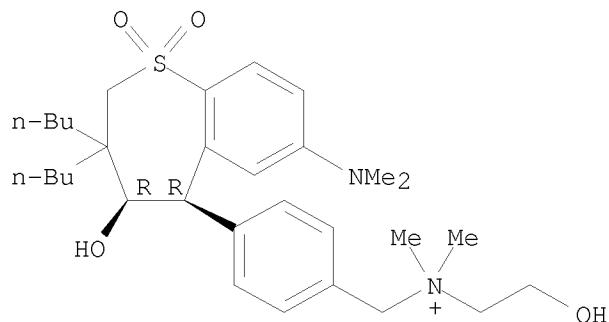
RN 197376-52-6 CAPLUS
CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(2-hydroxyethyl)-
N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197376-51-5
CMF C31 H49 N2 O4 S

Relative stereochemistry.

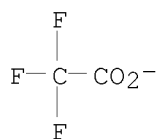
10/590,458



CM 2

CRN 14477-72-6

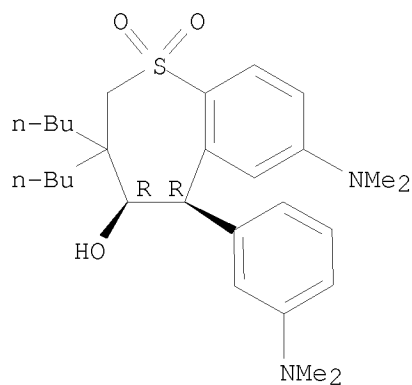
CMF C2 F3 O2



RN 197376-55-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

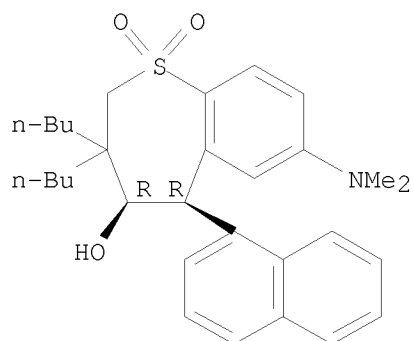


RN 197376-58-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(1-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

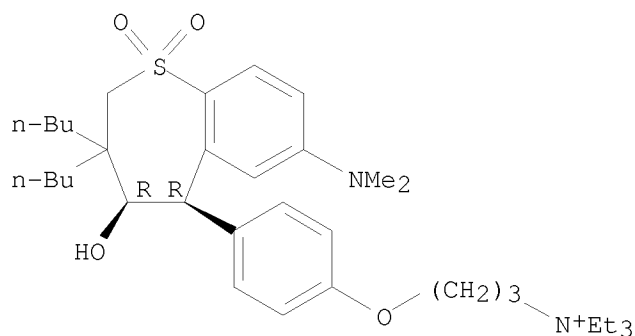
10/590,458



RN 197376-61-7 CAPLUS

CN 1-Propanaminium, 3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

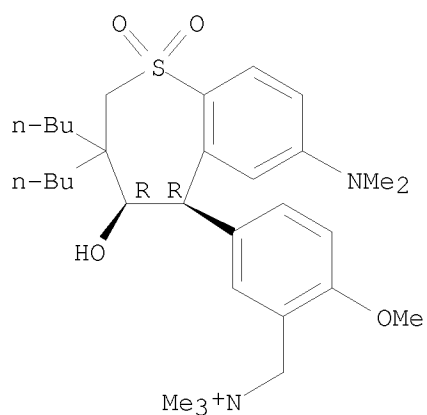


RN 197376-64-0 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-methoxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

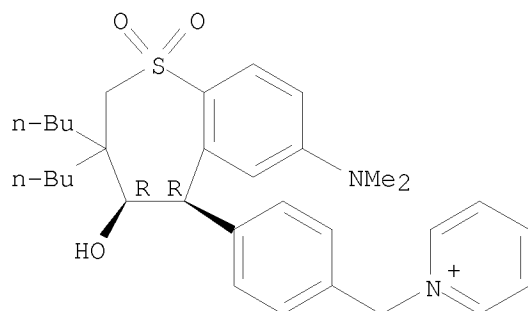
Relative stereochemistry.

10/590,458



RN 197376-67-3 CAPLUS
CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

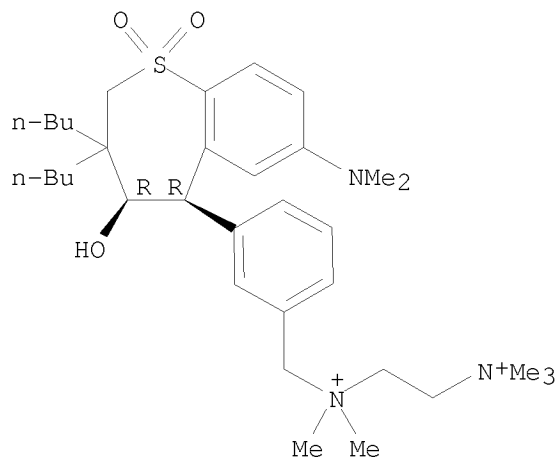
Relative stereochemistry.



RN 197376-69-5 CAPLUS
CN 1,2-Ethanediaminium, N1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

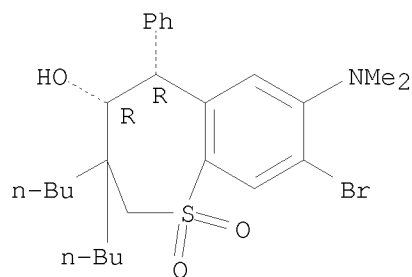


● 2 I⁻

RN 197376-73-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

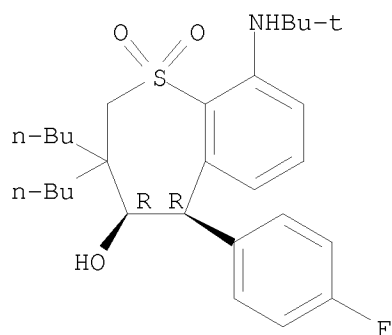


RN 197376-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

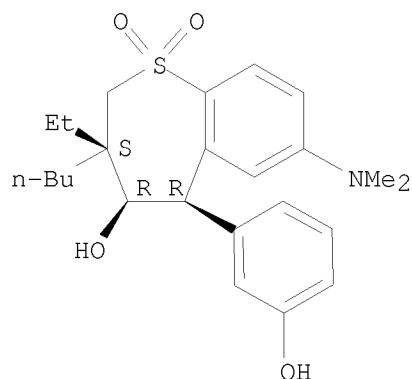
10/590,458



RN 197376-75-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

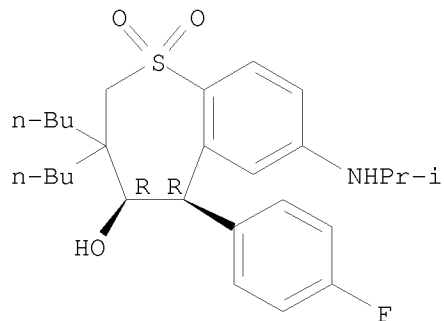
Relative stereochemistry.



RN 197376-78-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



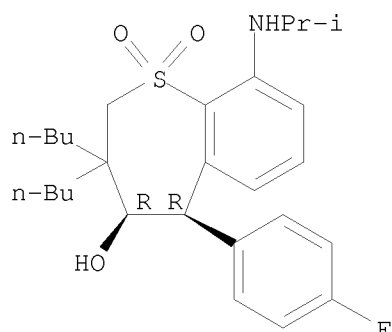
RN 197376-79-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

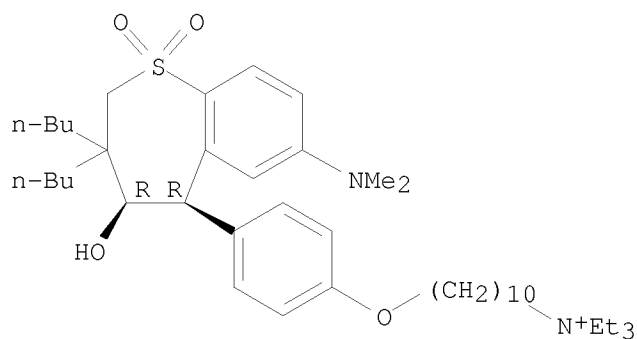
Relative stereochemistry.



RN 197376-82-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

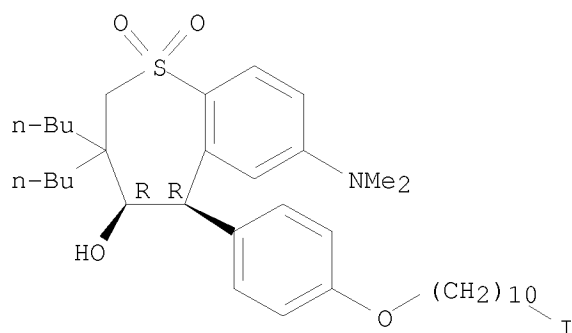


RN 197376-83-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(10-iododecyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

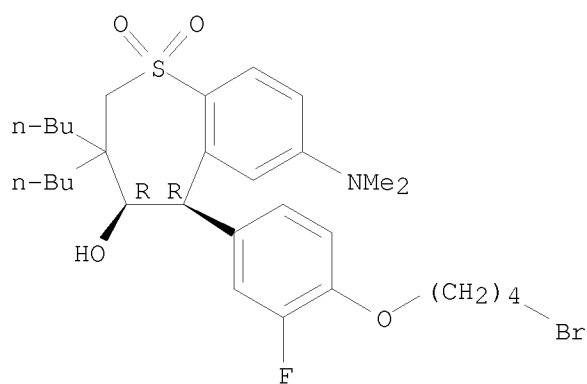
10/590,458



RN 197376-84-4 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-(4-bromobutoxy)-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

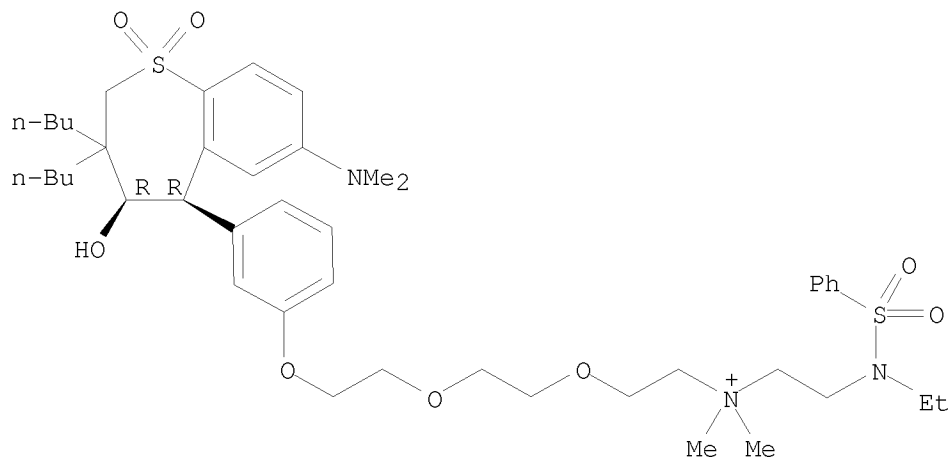


RN 197376-85-5 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(phenylsulfonyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

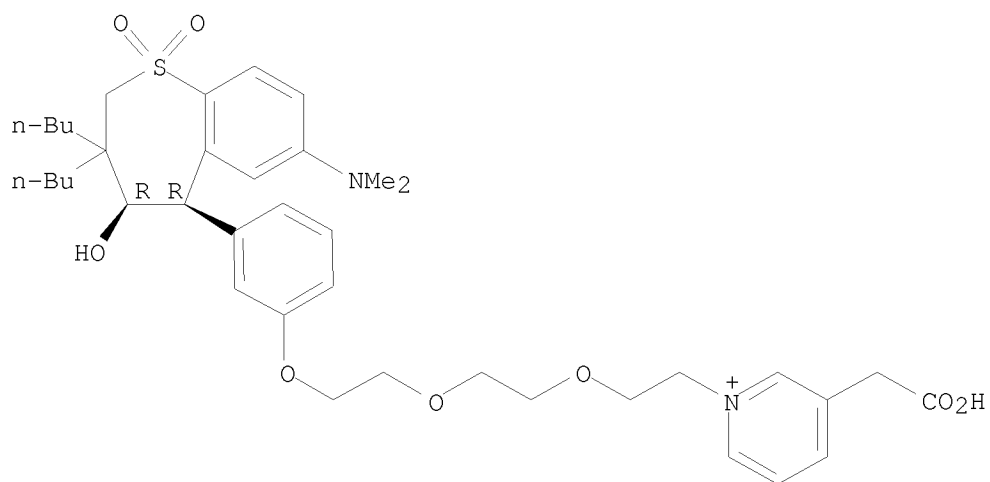
10/590,458



RN 197376-86-6 CAPLUS

CN Pyridinium, 3-(carboxymethyl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197376-88-8 CAPLUS

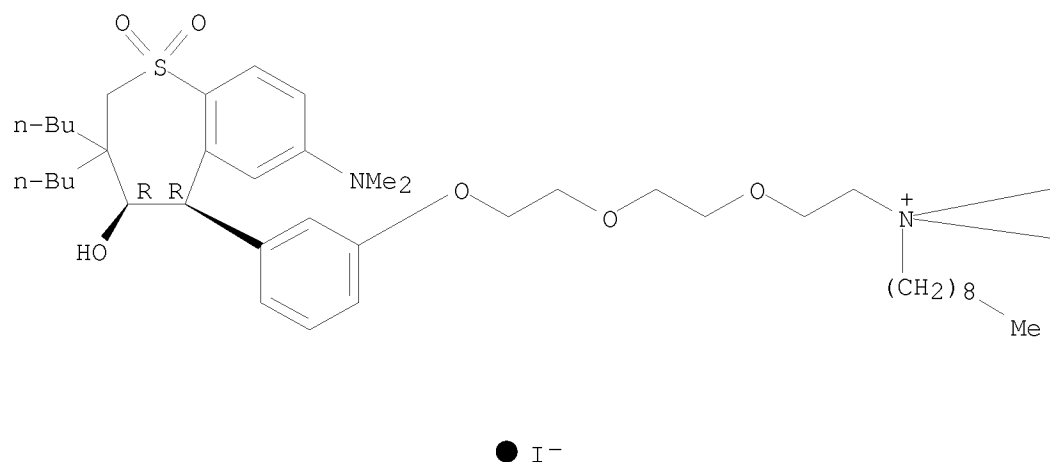
CN 1-Nonanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

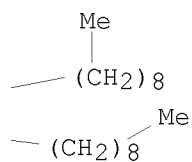
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dinonyl-, iodide (1:1), rel- (CA
INDEX NAME)

Relative stereochemistry.

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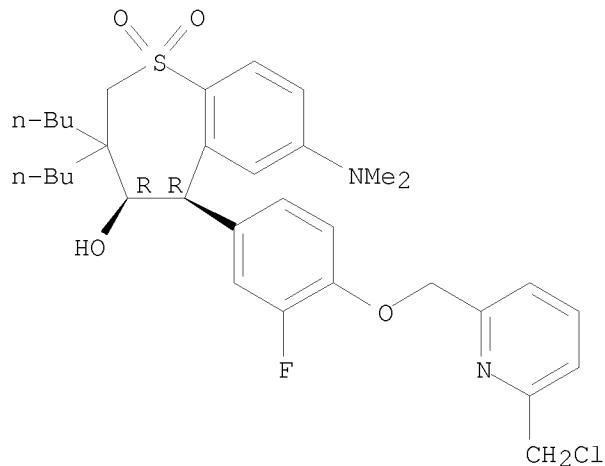
PAGE 1-B



RN	197376-89-9	CAPLUS
CN	1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)	

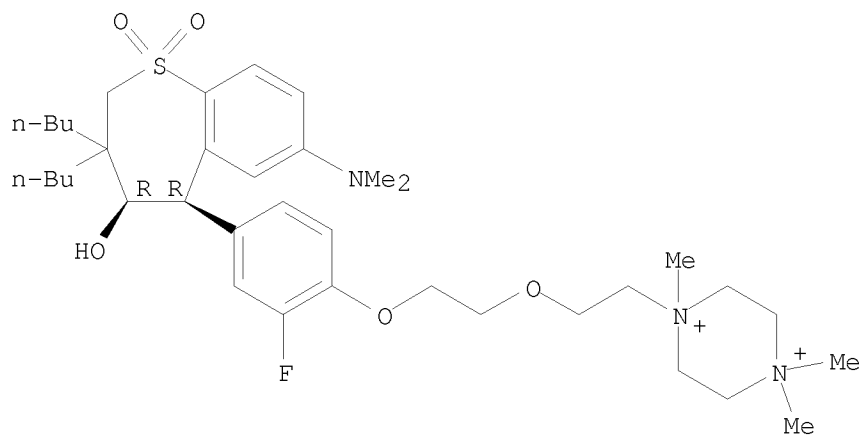
Relative stereochemistry.

10/590,458



RN 197376-90-2 CAPLUS
 CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

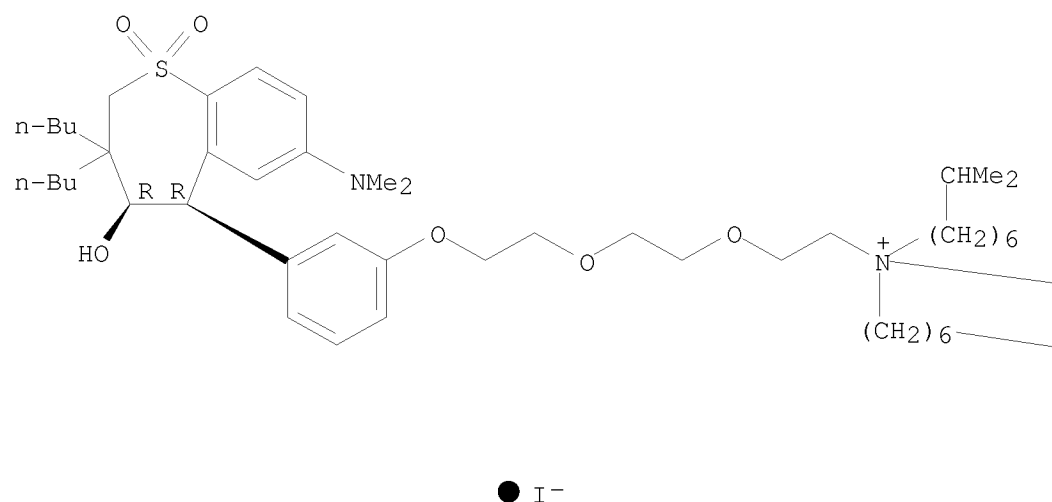


● 2 I⁻

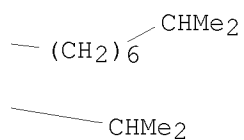
RN 197376-92-4 CAPLUS
 CN 1-Octanaminiun, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-7-methyl-N,N-bis(7-methyloctyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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RN	197376-94-6	CAPLUS
CN	Glycine, N-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-N-methyl-, rel- (CA INDEX NAME)	

Relative stereochemistry.

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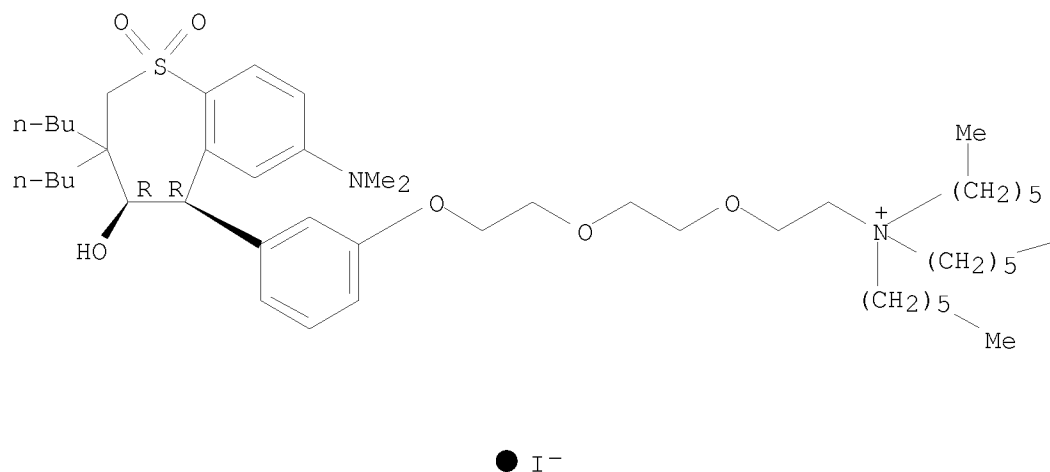
—Me

RN 197376-97-9 CAPLUS

CN 1-Hexanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dihexyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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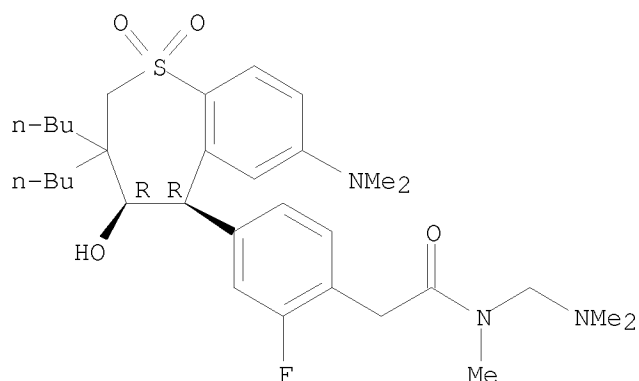
—Me

RN 197376-99-1 CAPLUS

10/590,458

CN Benzeneacetamide, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[(dimethylamino)methyl]-2-fluoro-N-methyl-, rel- (CA INDEX NAME)

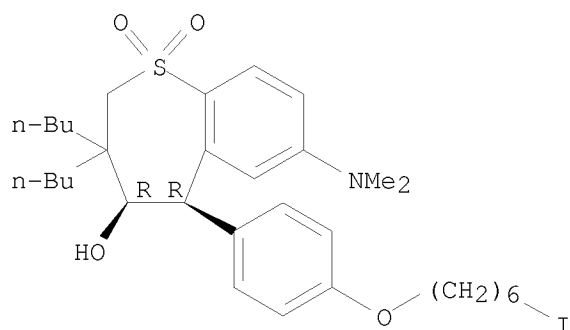
Relative stereochemistry.



RN 197377-00-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(6-iodohexyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

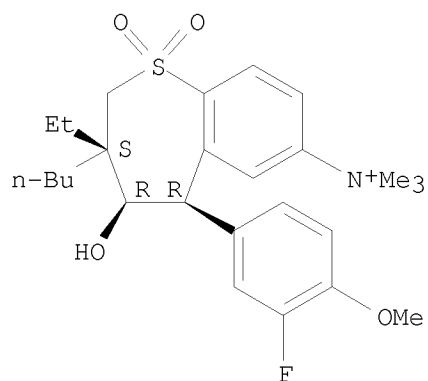


RN 197377-02-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

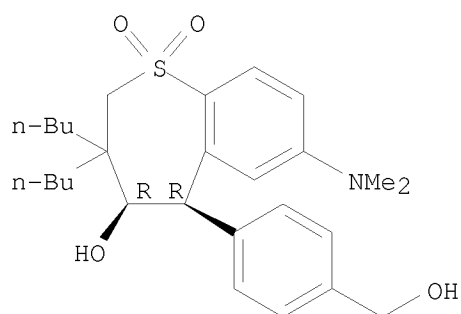
10/590,458



RN 197377-03-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

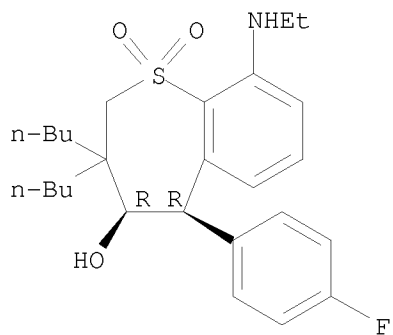


RN 197377-05-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458



RN 197377-09-6 CAPLUS

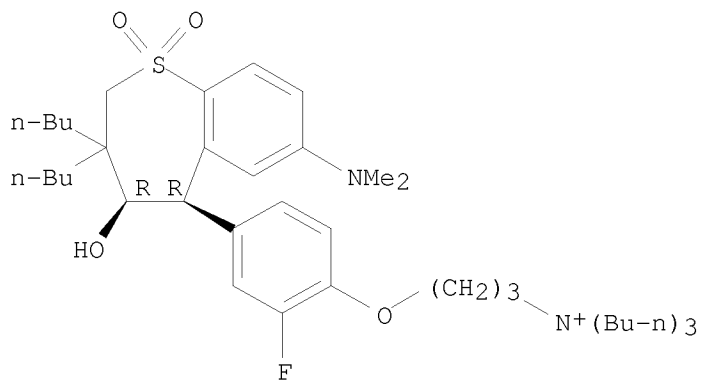
CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-08-5

CMF C41 H68 F N2 O4 S

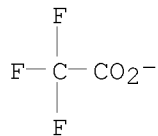
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 02

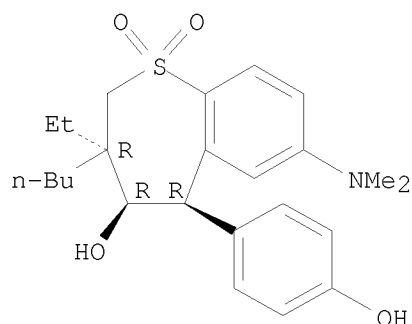


10/590,458

RN 197377-10-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

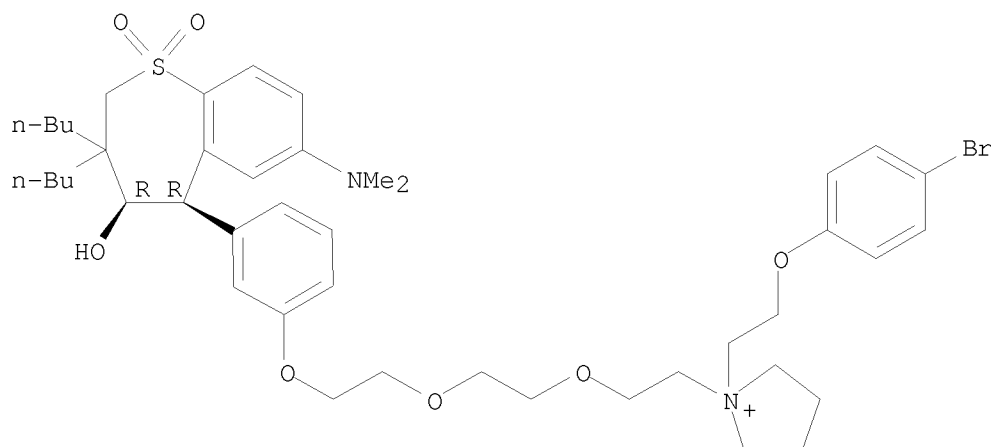
Relative stereochemistry.



RN 197377-11-0 CAPLUS

CN Pyrrolidinium, 1-[2-(4-bromophenoxy)ethyl]-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



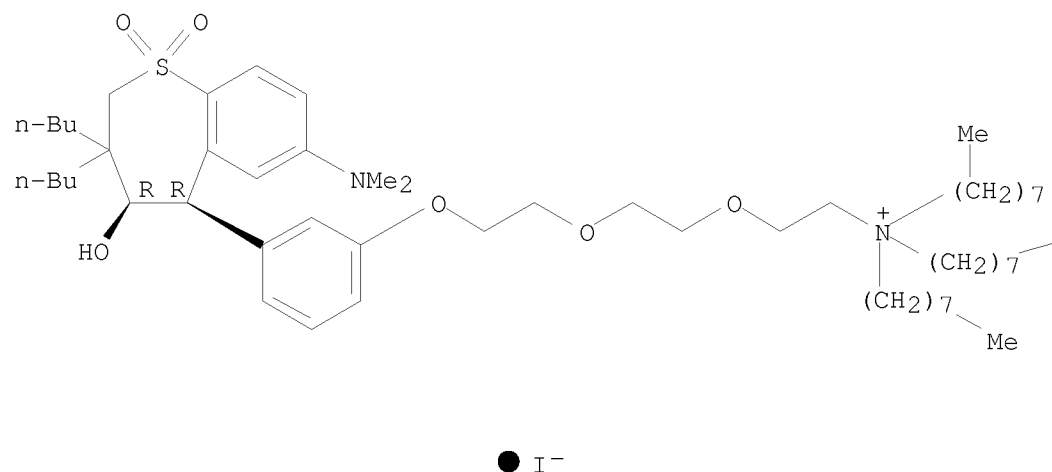
● I⁻

RN 197377-12-1 CAPLUS

CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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— Me

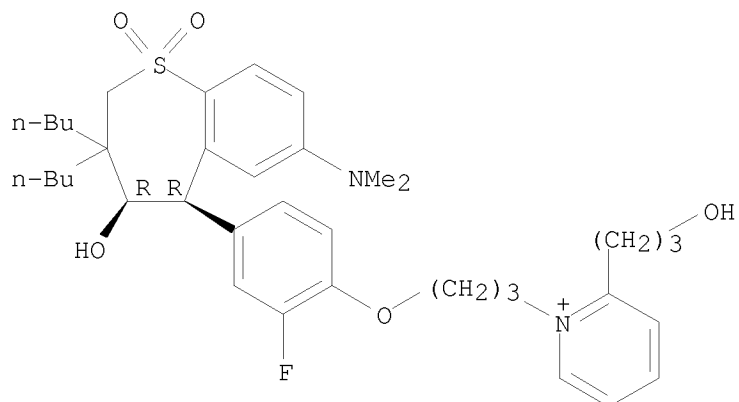
RN	197377-14-3	CAPLUS
CN	Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-2-(3-hydroxypropyl)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)	

CM 1

CRN 197377-13-2
CMF C37 H52 F N2 O5 S

Relative stereochemistry.

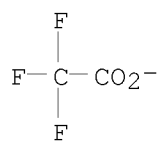
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2



RN 197377-16-5 CAPLUS

CN Pyridinium, 2-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

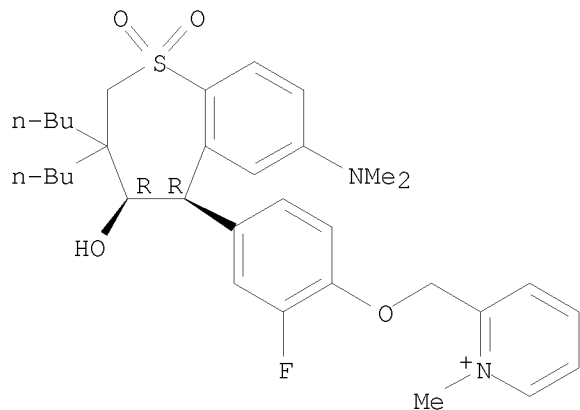
CM 1

CRN 197377-15-4

CMF C33 H44 F N2 O4 S

Relative stereochemistry.

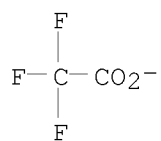
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2

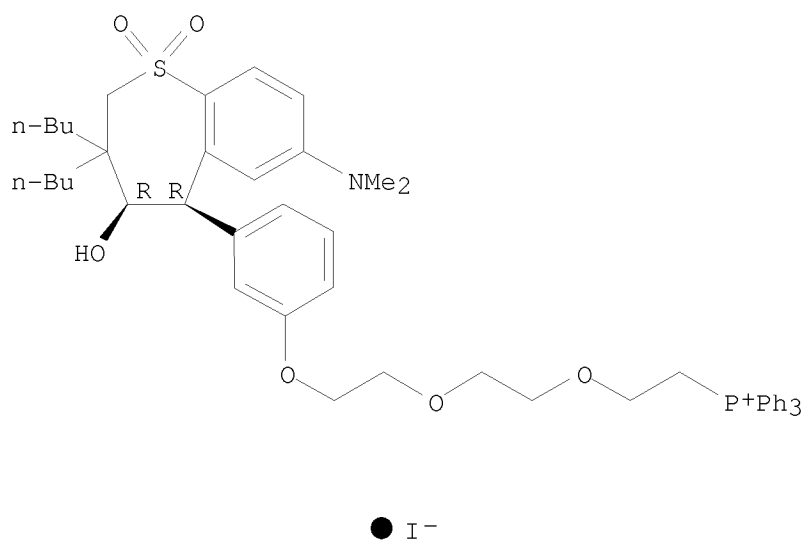


RN 197377-17-6 CAPLUS

CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triphenyl-, iodide (1:1), rel- (CA INDEX NAME)

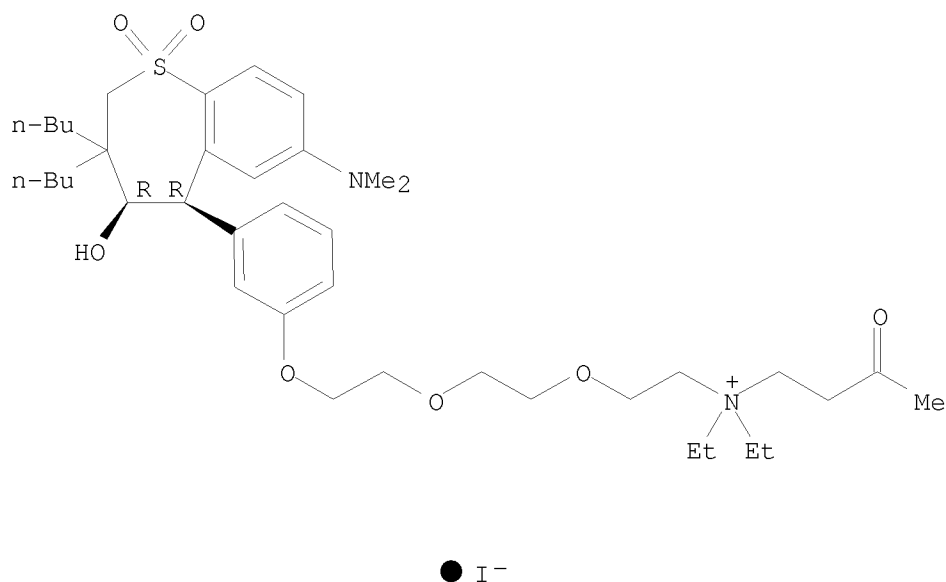
Relative stereochemistry.

10/590,458



RN 197377-18-7 CAPLUS
 CN 1-Butanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-3-oxo-, iodide (1:1), rel- (CA INDEX NAME)

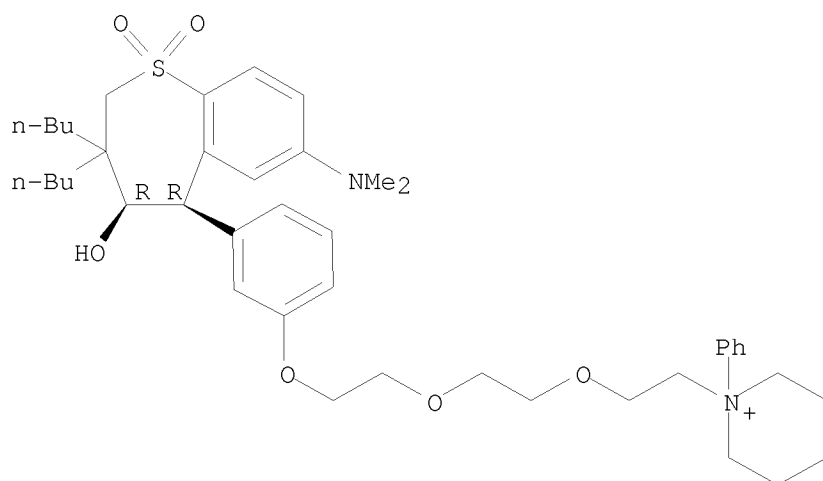
Relative stereochemistry.



RN 197377-19-8 CAPLUS
 CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

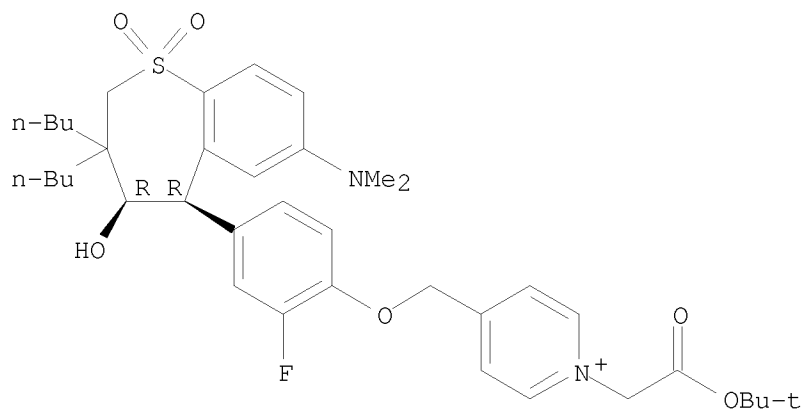
10/590,458

Relative stereochemistry.



RN 197377-20-1 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-[2-(1,1-dimethylethoxy)-2-oxoethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

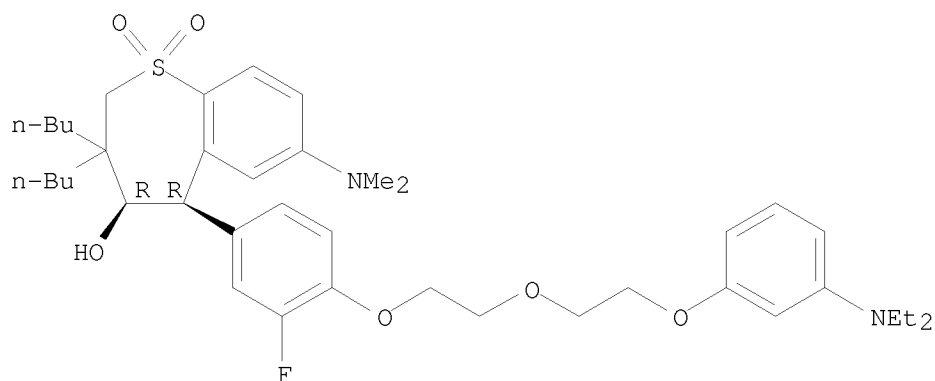


RN 197377-21-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[3-(diethylamino)phenoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

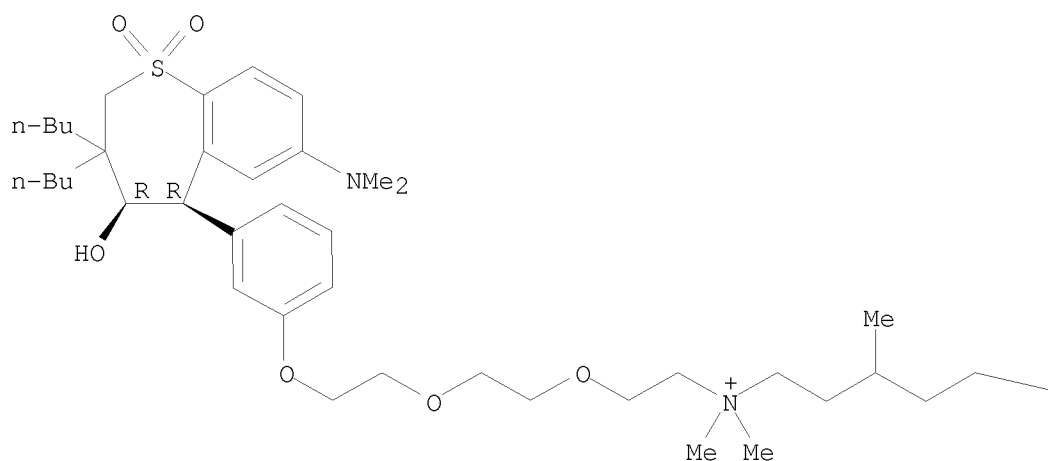


RN 197377-22-3 CAPLUS

CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5-(dimethylamino)-N,N,3-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

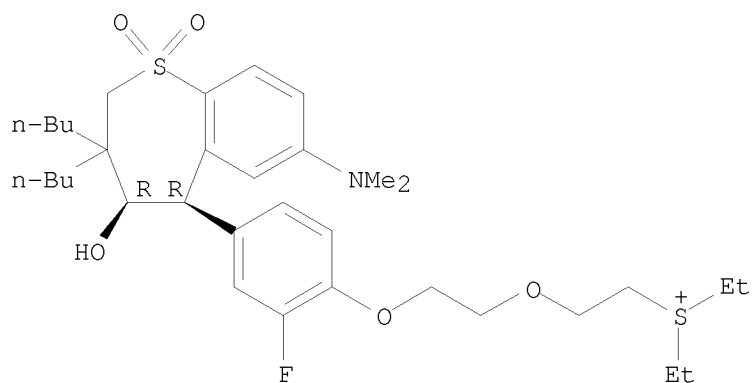


● I⁻

—NMe₂

RN 197377-23-4 CAPLUS
 CN Sulfonium, [2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]diethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

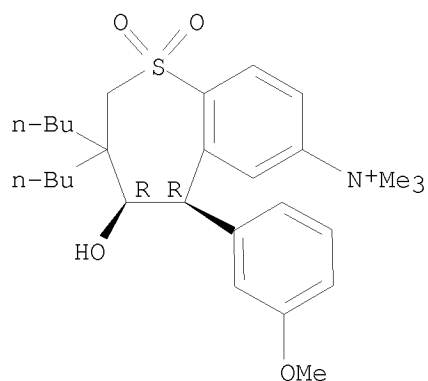


● F⁻

RN 197377-24-5 CAPLUS
 CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

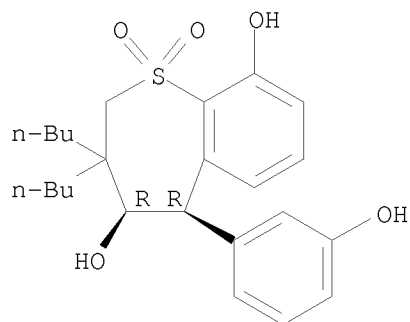
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RN 197377-25-6 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

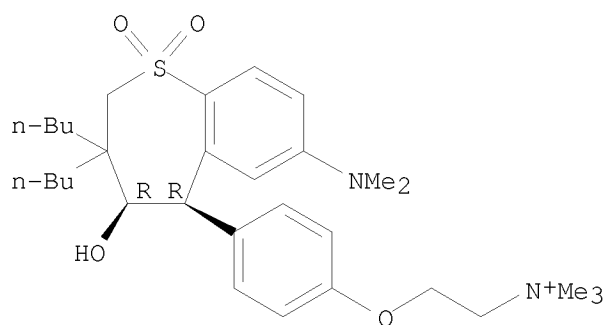


RN 197377-26-7 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

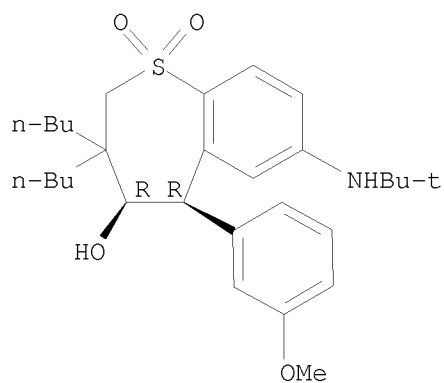
Relative stereochemistry.

10/590,458



RN 197377-27-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

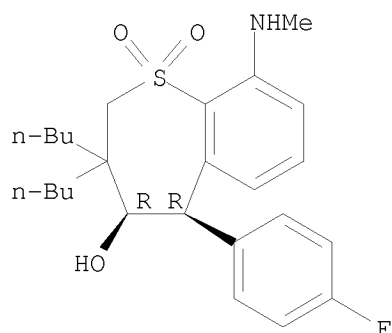
Relative stereochemistry.



RN 197377-28-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

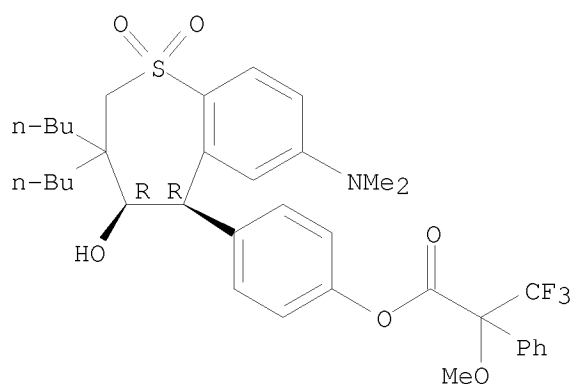
10/590,458



RN 197377-29-0 CAPLUS

CN Benzeneacetic acid, α -methoxy- α -(trifluoromethyl)-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

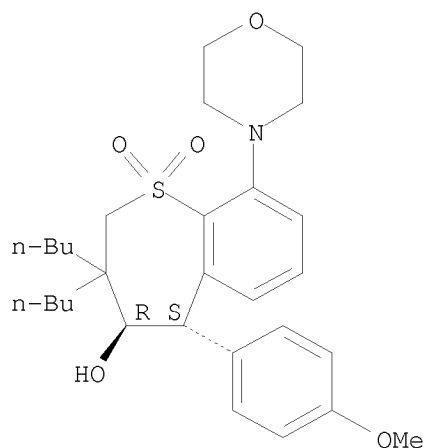
Relative stereochemistry.



RN 197377-30-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

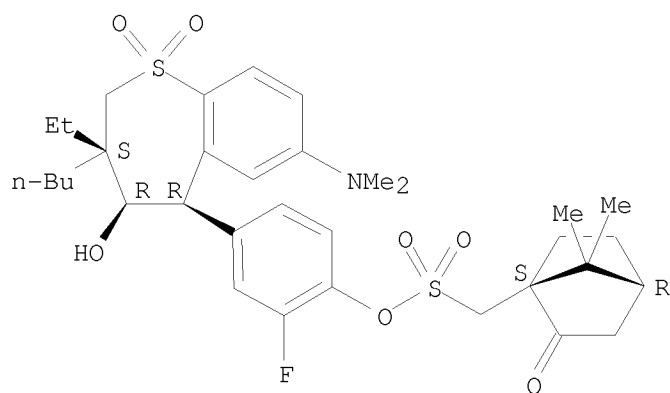
Relative stereochemistry.



RN 197377-31-4 CAPLUS

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,
4-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenyl ester,
(1R,4S)-rel- (CA INDEX NAME)

Relative stereochemistry.

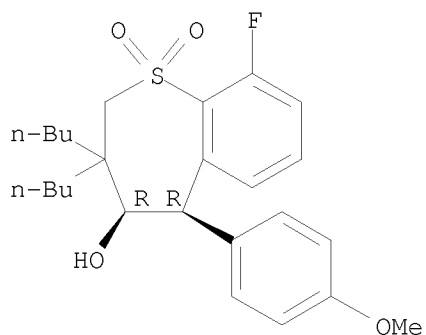


RN 197377-32-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-2,3,4,5-tetrahydro-5-(4-
methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

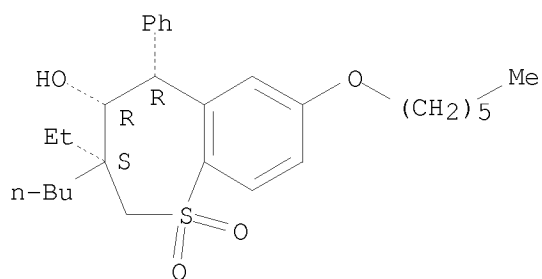
10/590,458



RN 197377-33-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

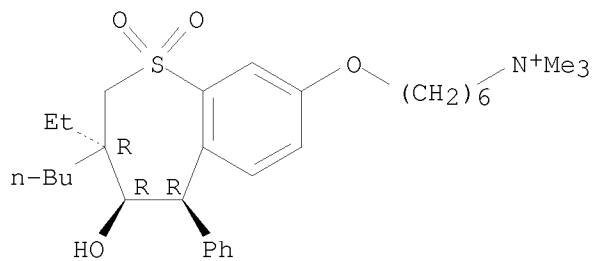
Relative stereochemistry.



RN 197377-34-7 CAPLUS

CN 1-Hexanaminium, 6-[[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



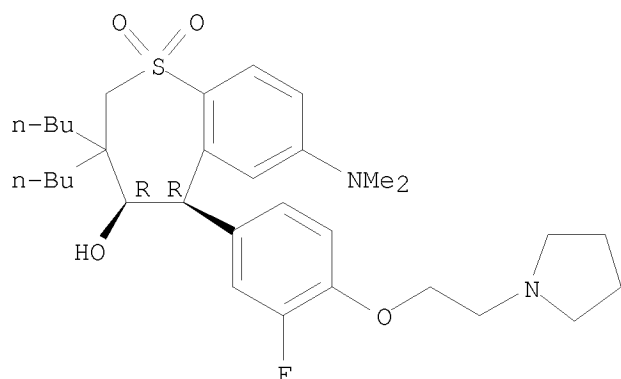
RN 197377-35-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-(1-

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pyrrolidinyl)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel-
(CA INDEX NAME)

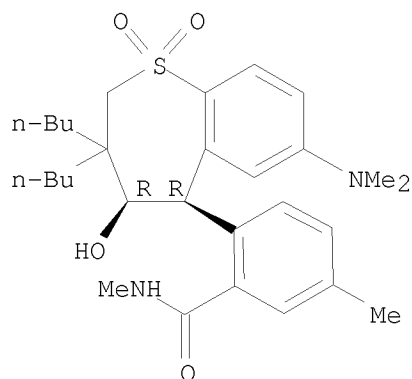
Relative stereochemistry.



RN 197377-36-9 CAPLUS

CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,5-dimethyl-, rel- (CA INDEX
NAME)

Relative stereochemistry.

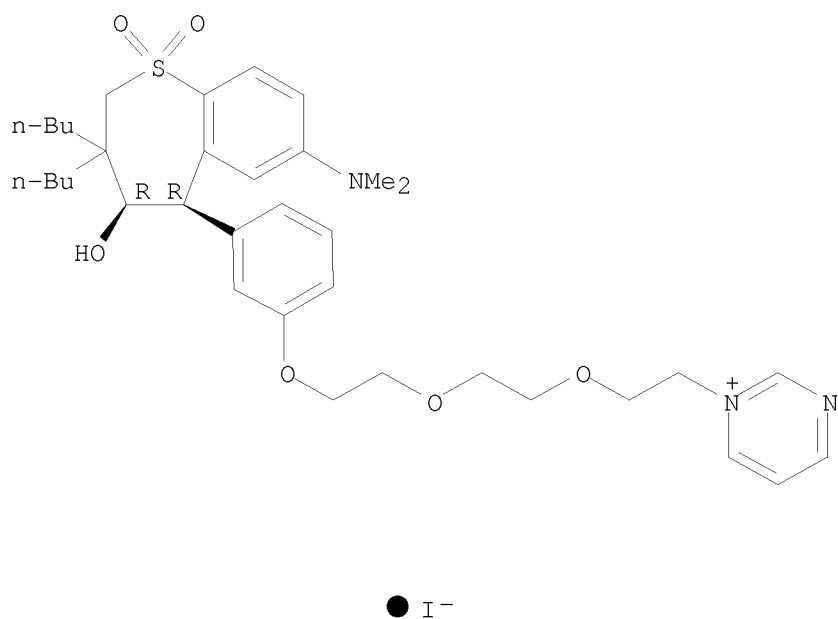


RN 197377-37-0 CAPLUS

CN Pyrimidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

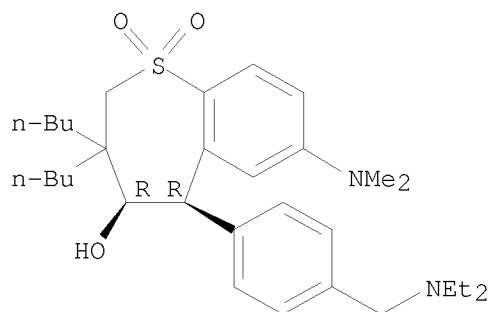
Relative stereochemistry.

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RN 197377-38-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(diethylamino)methyl]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

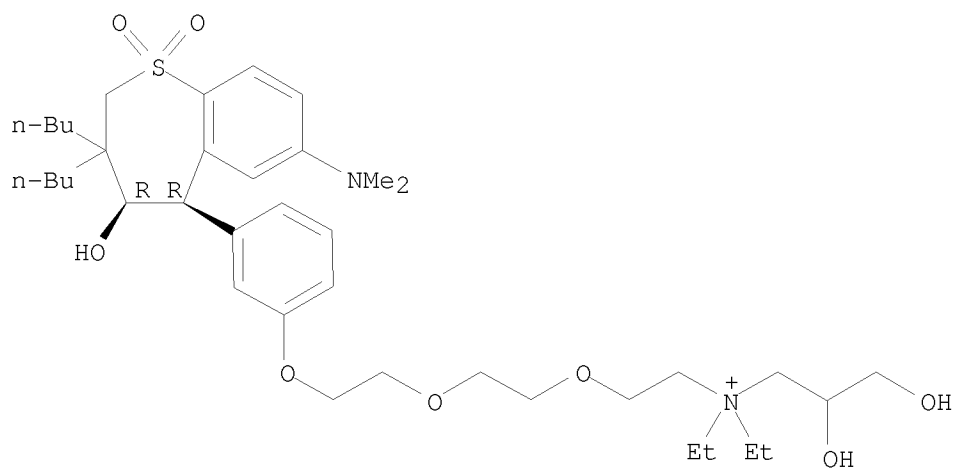
Relative stereochemistry.



RN 197377-39-2 CAPLUS
CN 1-Propanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-2,3-dihydroxy-, iodide (1:1), rel- (CA INDEX NAME)

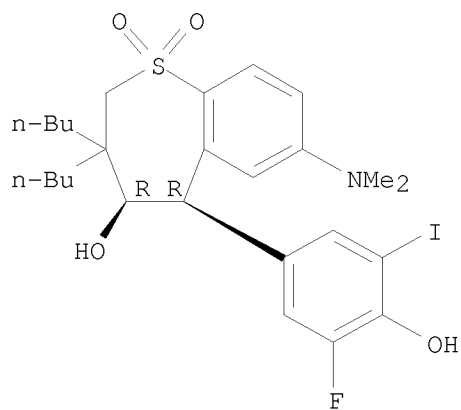
Relative stereochemistry.

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RN 197377-40-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxy-5-iodophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



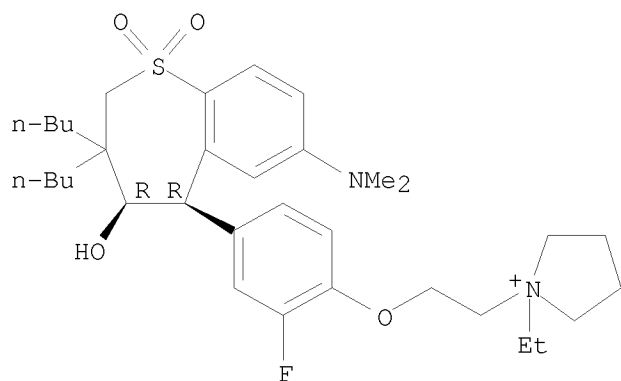
RN 197377-42-7 CAPLUS
CN Pyrrolidinium, 1-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-41-6
CMF C34 H52 F N2 O4 S

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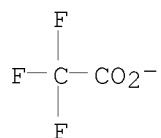
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

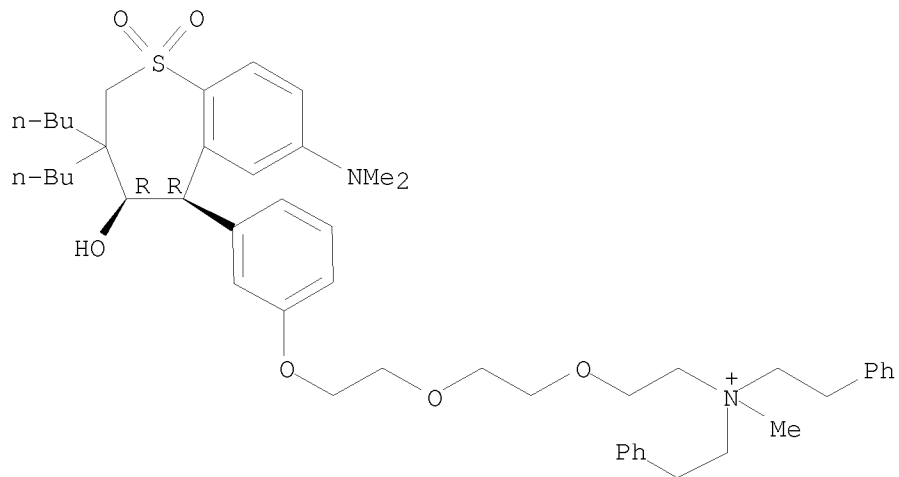


RN 197377-43-8 CAPLUS

CN Benzeneethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-N-(2-phenylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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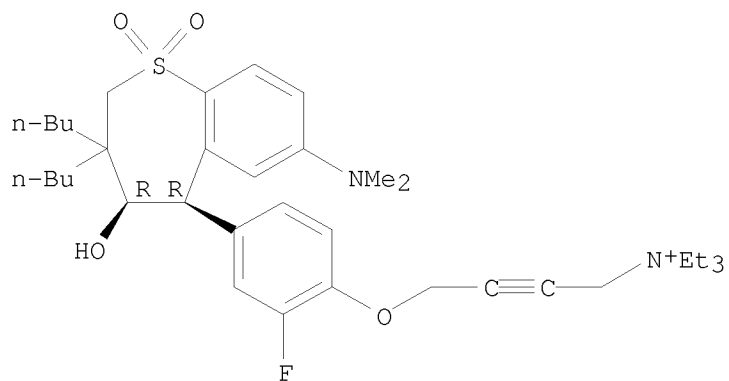


RN 197377-45-0 CAPLUS
CN 2-Butyn-1-aminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxo-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-44-9
CMF C36 H54 F N2 O4 S

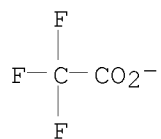
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

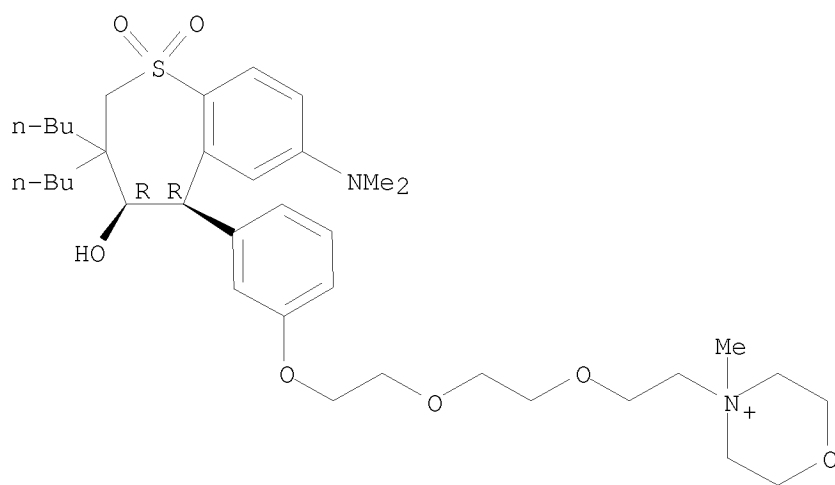
10/590,458



RN 197377-46-1 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

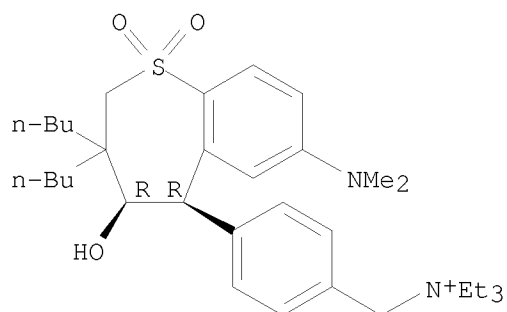


RN 197377-47-2 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

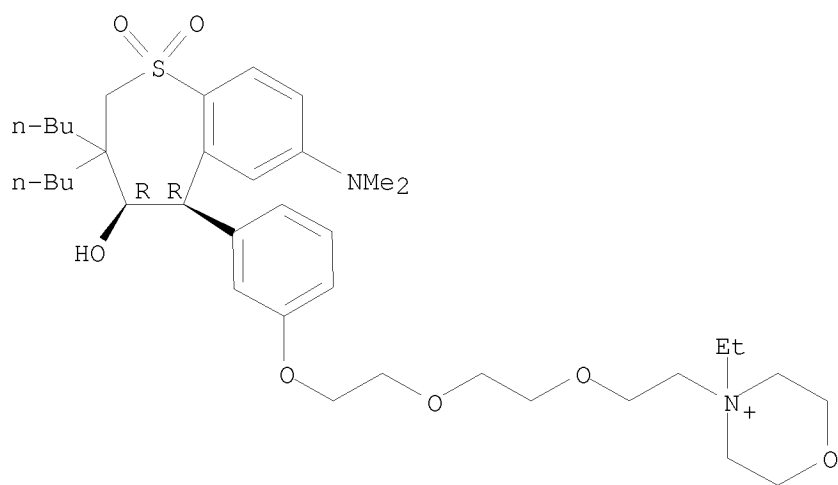
Relative stereochemistry.

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RN 197377-48-3 CAPLUS
CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

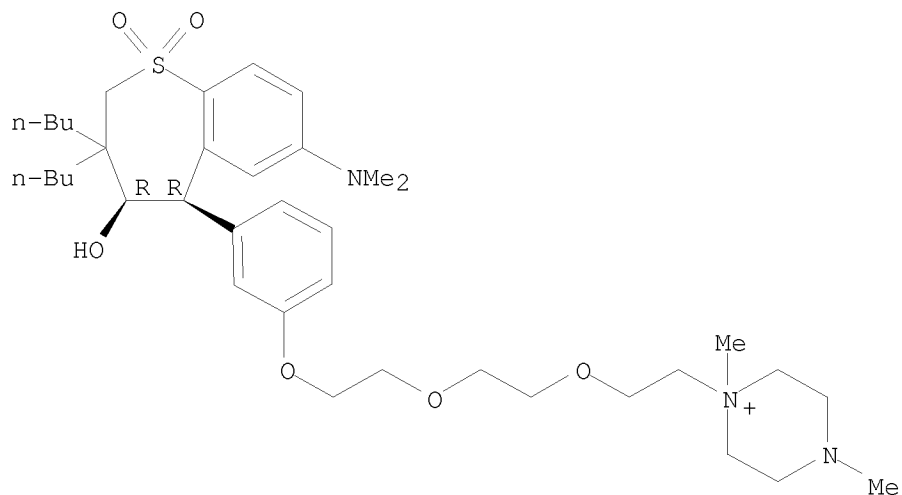
Relative stereochemistry.



RN 197377-49-4 CAPLUS
CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

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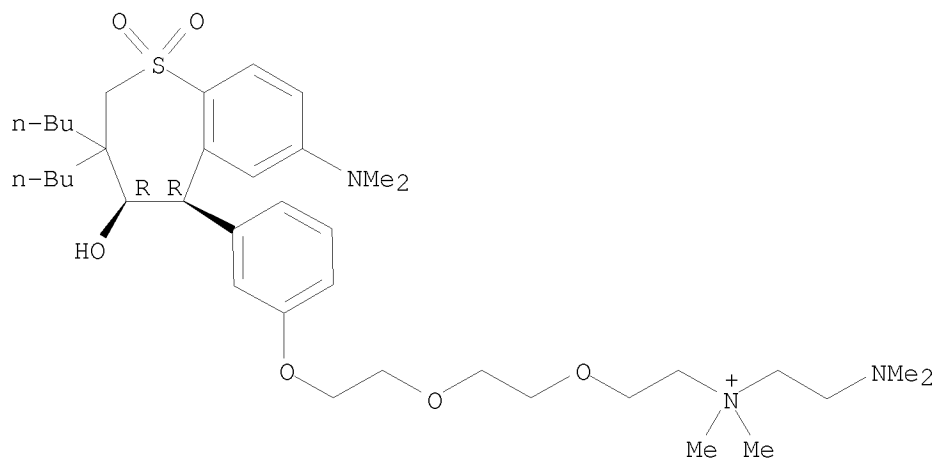
Relative stereochemistry.



RN 197377-50-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

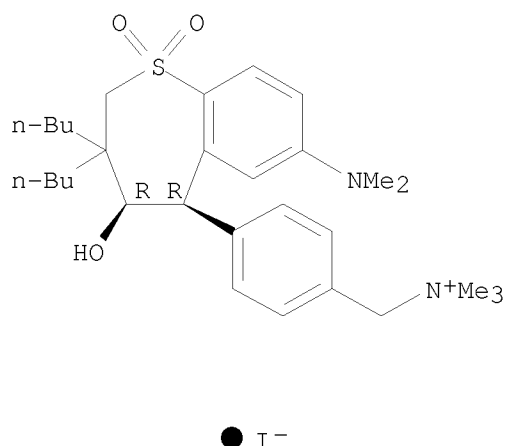


RN 197377-51-8 CAPLUS

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CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

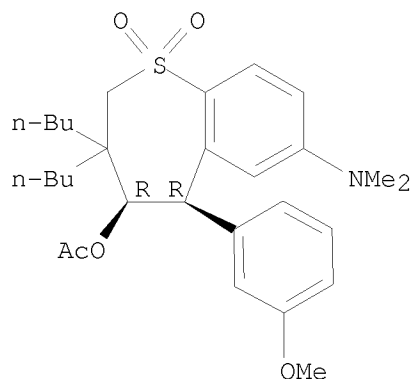
Relative stereochemistry.



RN 197377-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-57-4 CAPLUS

CN Benzenaminium, 2-[[10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]decyl]oxy]-N-ethyl-N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

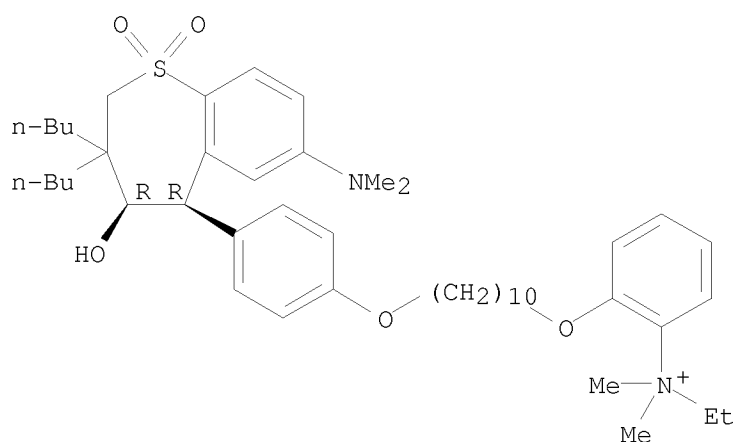
CM 1

CRN 197377-56-3

CMF C46 H71 N2 O5 S

Relative stereochemistry.

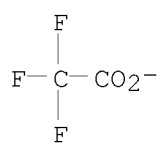
10/590,458



CM 2

CRN 14477-72-6

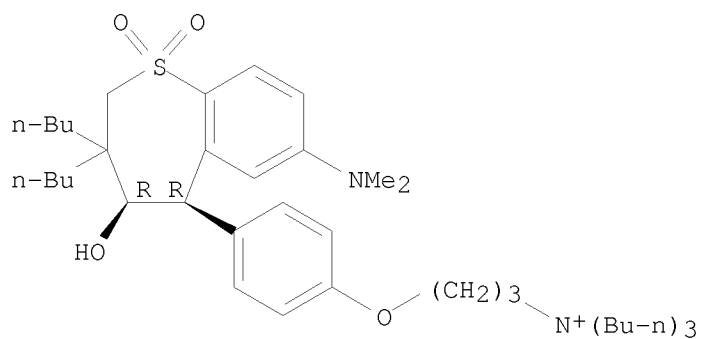
CMF C2 F3 O2



RN 197377-58-5 CAPLUS

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-60-9 CAPLUS

10/590,458

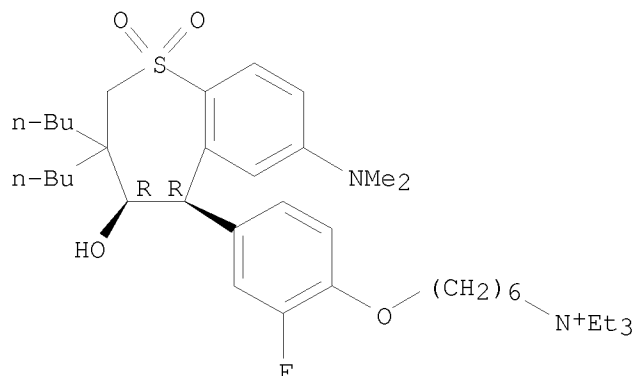
CN 1-Hexanaminium, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-59-6

CMF C38 H62 F N2 O4 S

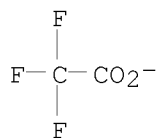
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

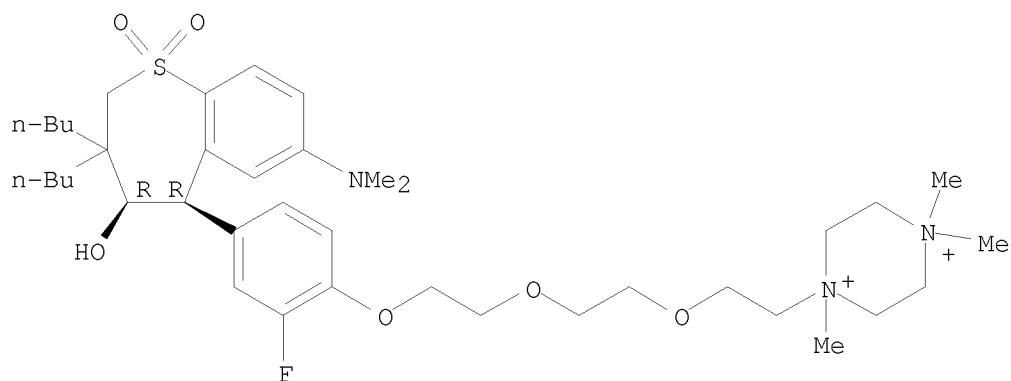


RN 197377-61-0 CAPLUS

CN Piperazininium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

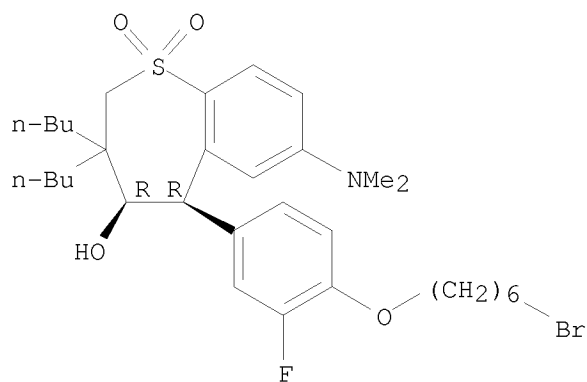
10/590,458



● 2 I⁻

RN 197377-63-2 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[(6-bromohexyl)oxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

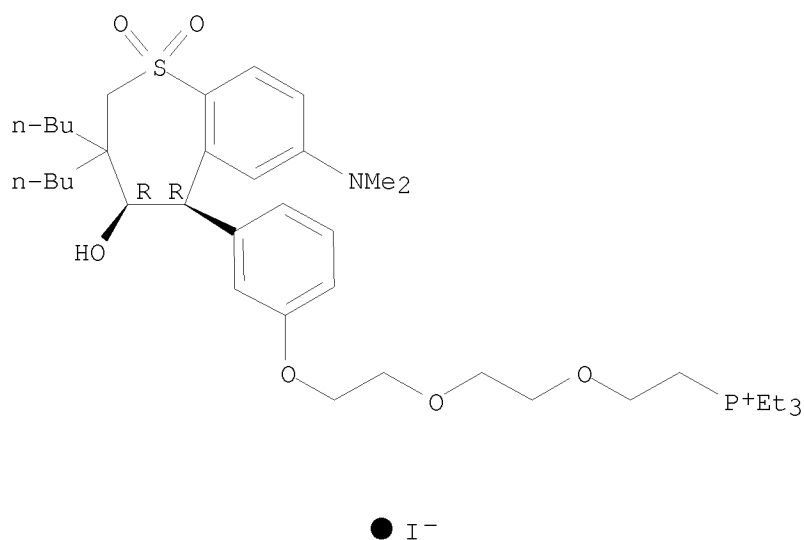
Relative stereochemistry.



RN 197377-64-3 CAPLUS
CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triethyl-, iodide (1:1), rel- (CA INDEX NAME)

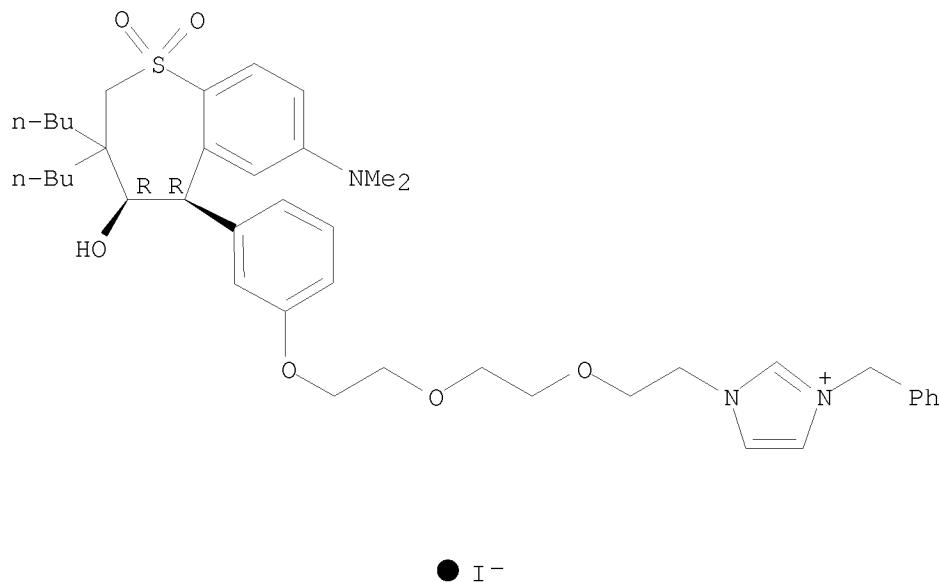
Relative stereochemistry.

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RN 197377-65-4 CAPLUS
CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-(phenylmethyl)-, iodide (1:1), rel- (CA INDEX NAME)

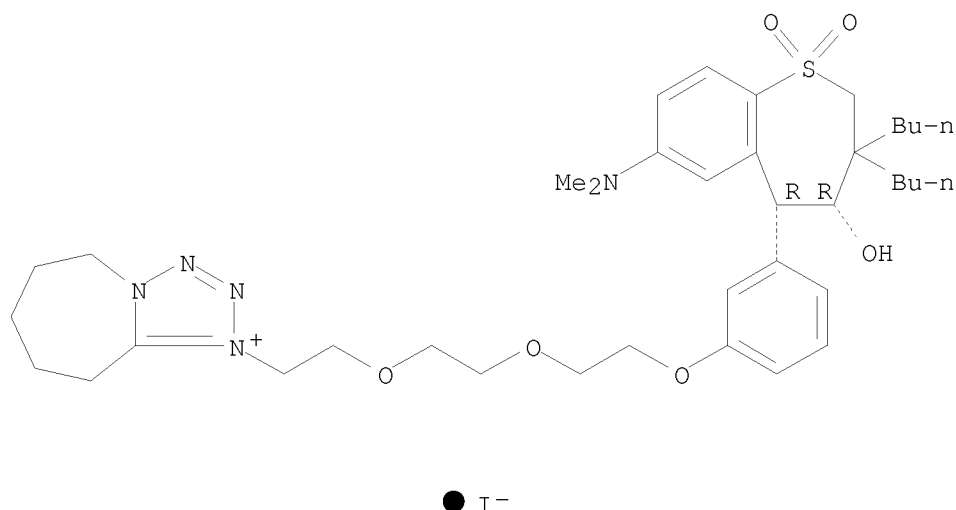
Relative stereochemistry.



RN 197377-66-5 CAPLUS
CN 5H-Tetrazolo[1,5-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

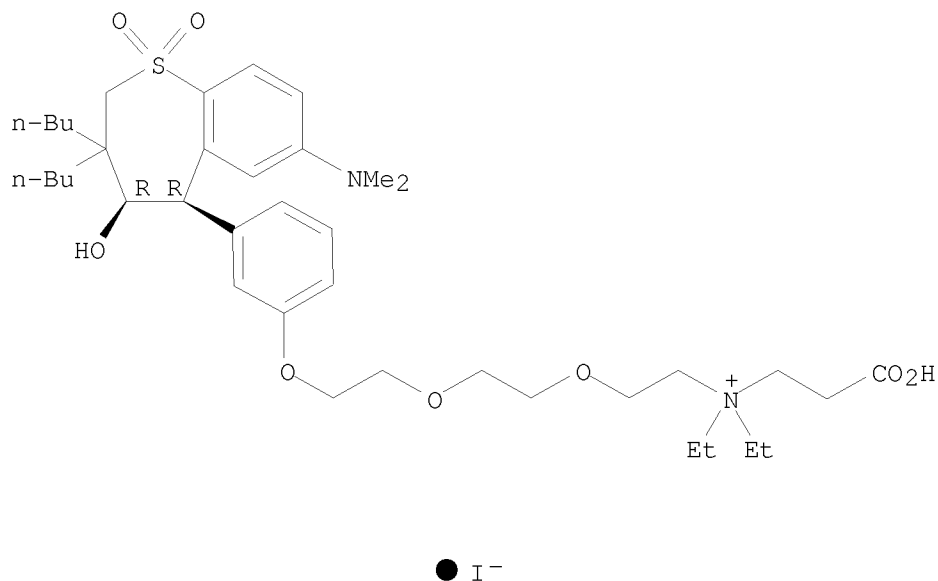
Relative stereochemistry.



RN 197377-68-7 CAPLUS

CN Ethanaminium, 2-carboxy-N-[2-[2-[2-[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



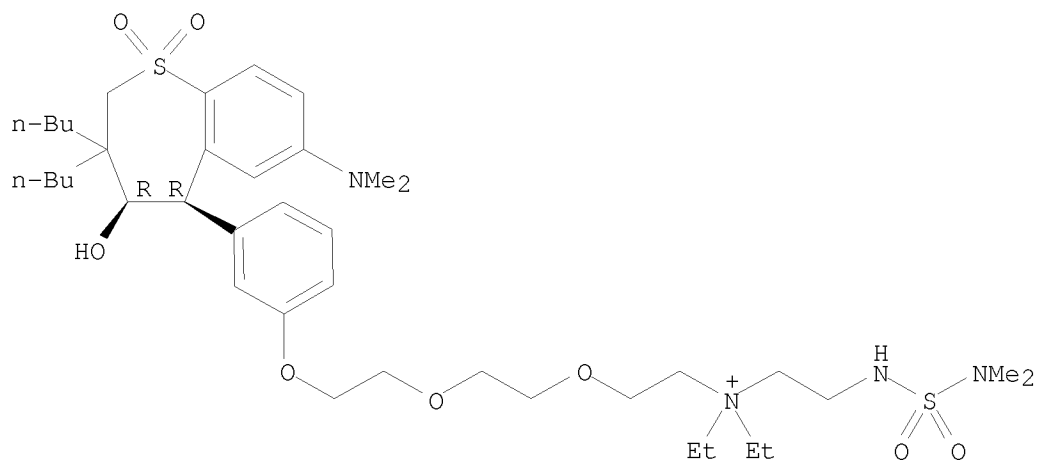
RN 197377-69-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[[(dimethylamino)sulfonyl]amino]ethyl]-N,N-

10/590,458

diethyl-, iodide (1:1), rel- (CA INDEX NAME)

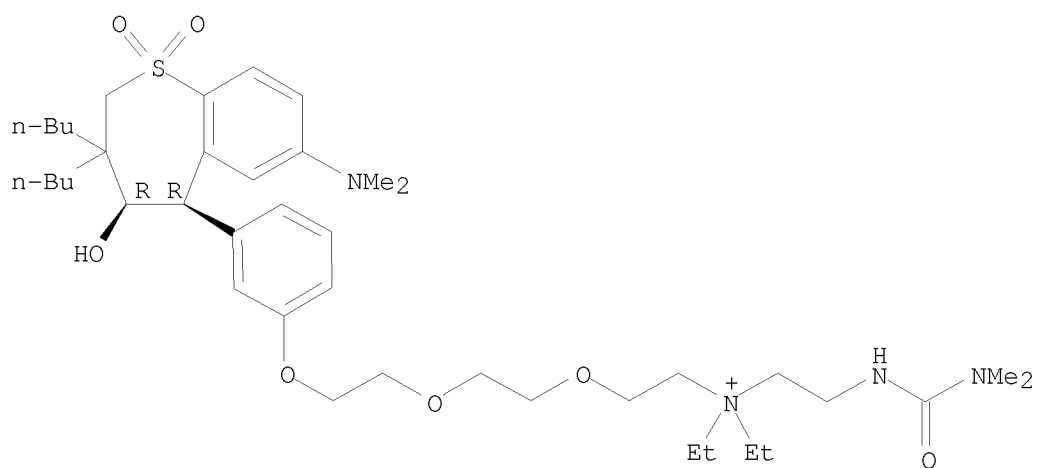
Relative stereochemistry.



RN 197377-70-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[(dimethylamino)carbonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

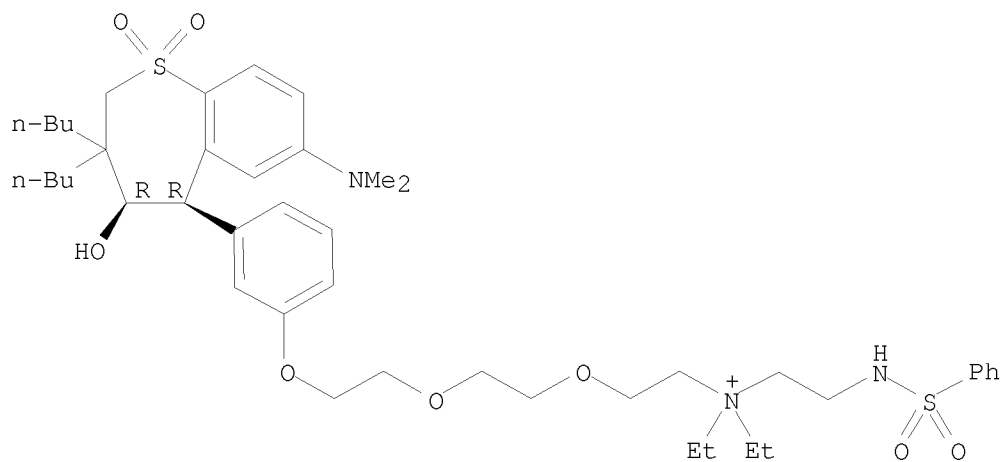


10/590,458

RN 197377-71-2 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

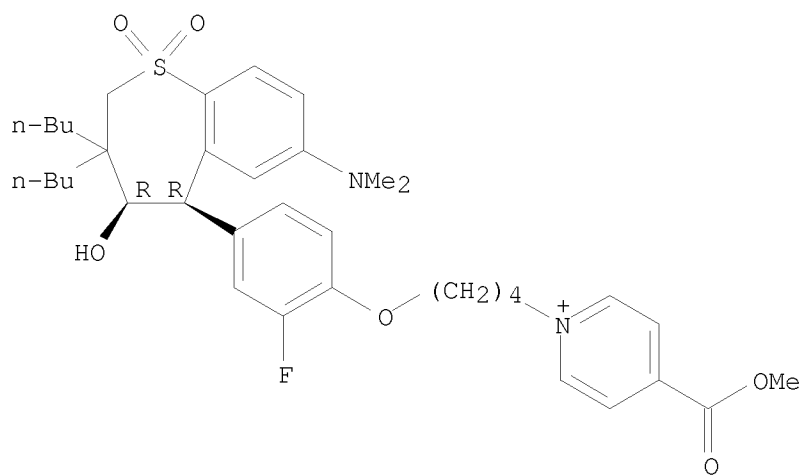
Relative stereochemistry.



RN 197377-72-3 CAPLUS

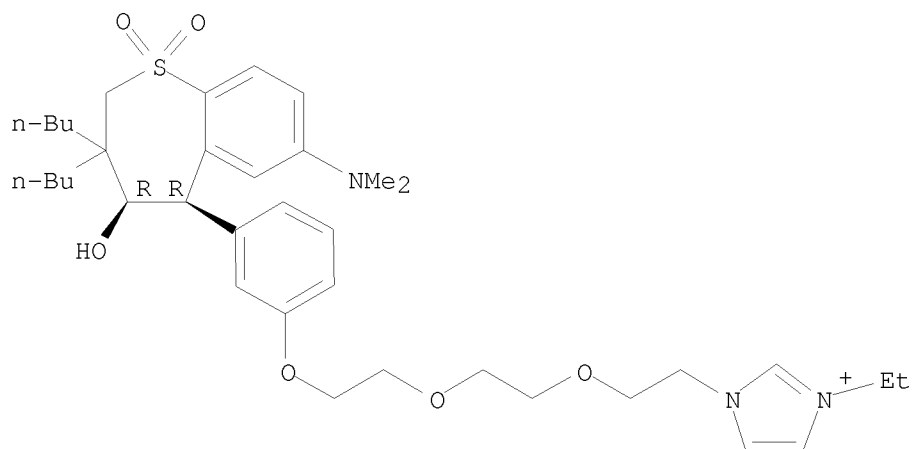
CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butyl]-4-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-73-4 CAPLUS
 CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

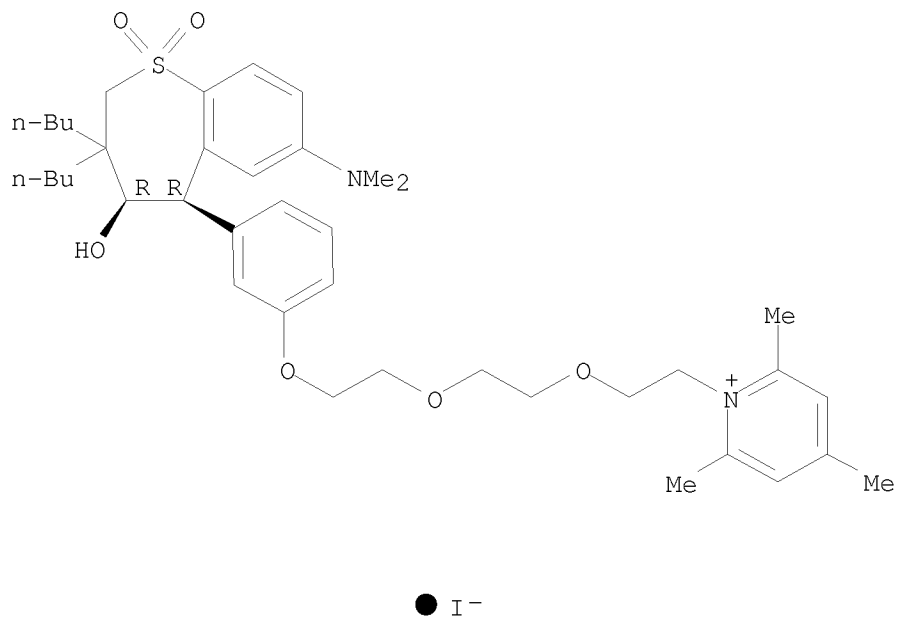


RN 197377-74-5 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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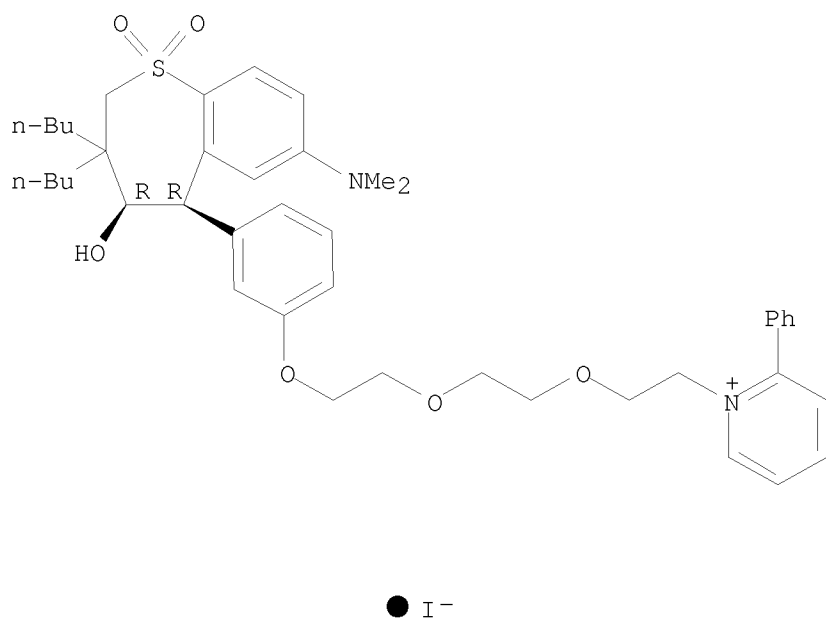
yl]phenoxy]ethoxy]ethoxy]ethyl]-2,4,6-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



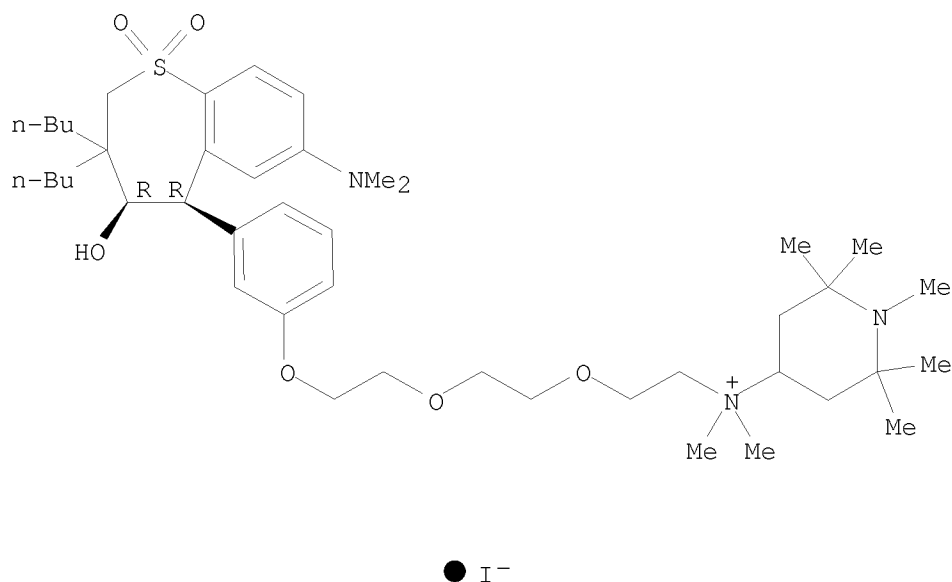
RN 197377-75-6 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN	197377-76-7	CAPLUS
CN	4-Piperidinaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,1,2,2,6,6-heptamethyl-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.

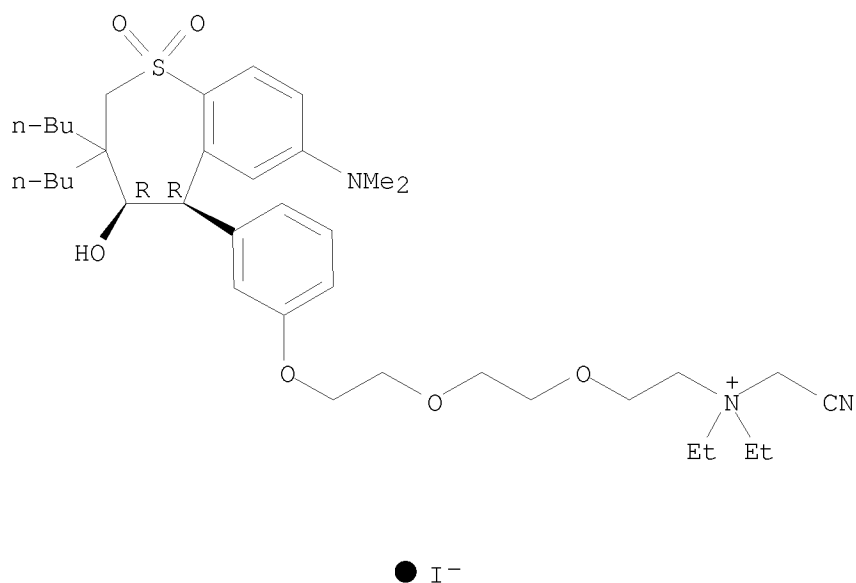


RN	197377-77-8	CAPLUS
CN	Ethanaminium, N-(cyanomethyl)-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-	

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(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

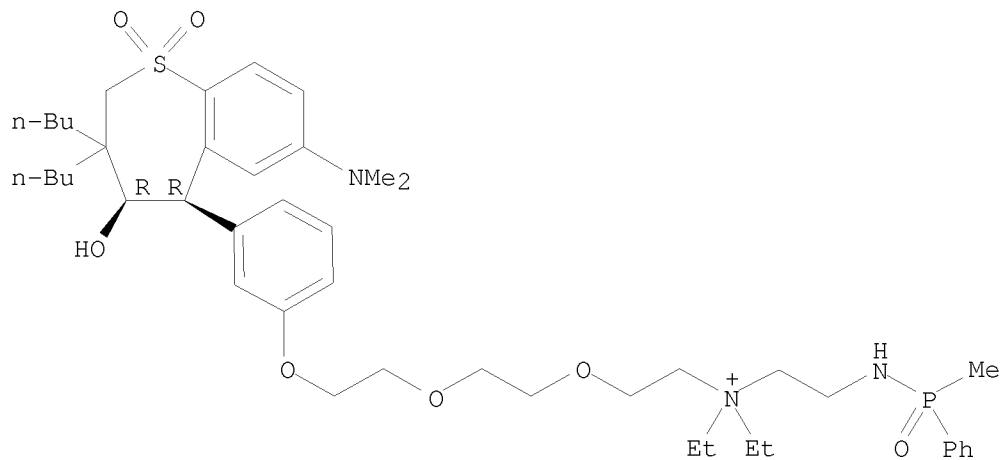
Relative stereochemistry.



RN 197377-78-9 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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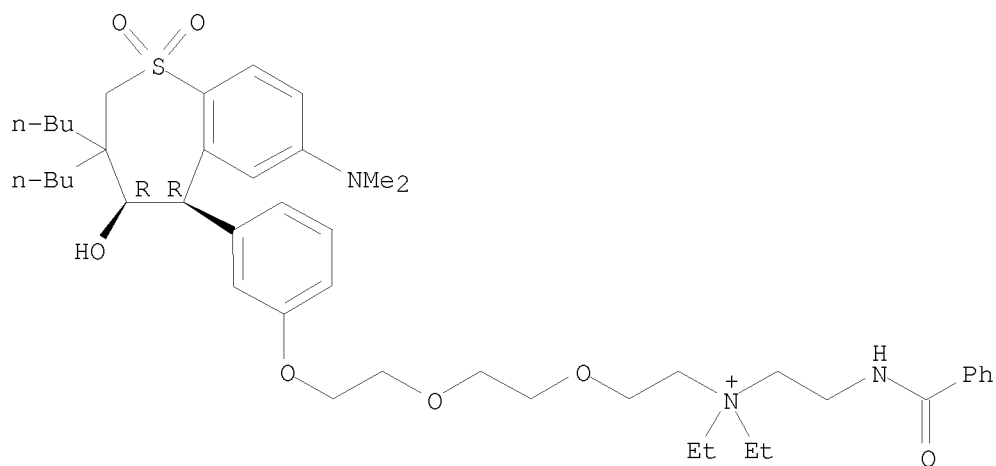


● I⁻

RN 197377-79-0 CAPLUS

CN Ethanaminium, 2-(benzoylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

RN 197377-81-4 CAPLUS

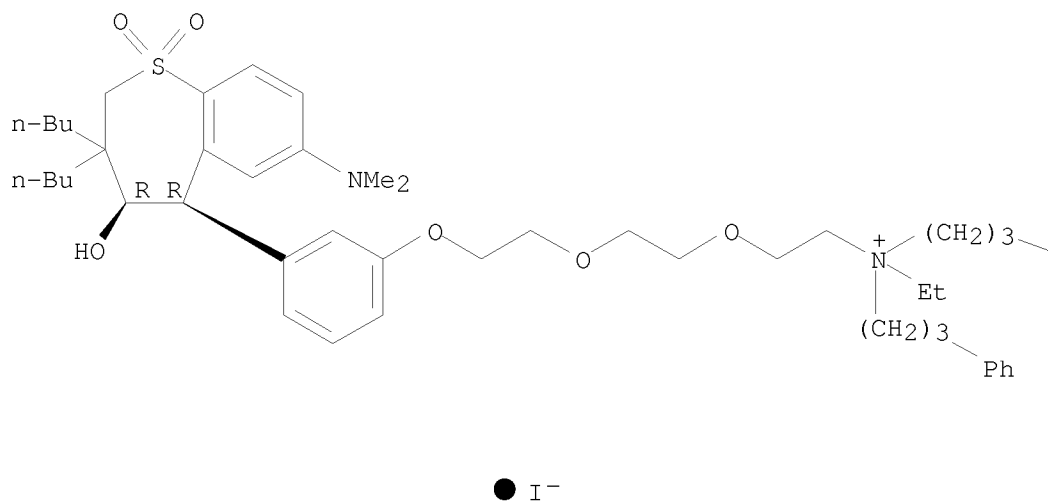
CN Benzenepropanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-N-ethyl-N-(3-phenylpropyl)-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.

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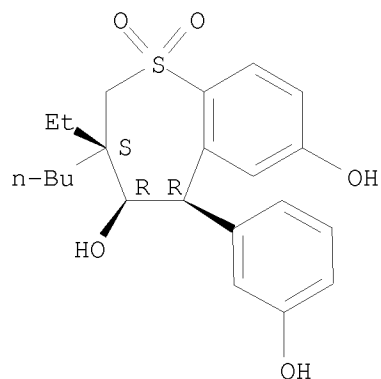
PAGE 1-B

Ph

RN 197377-82-5 CAPLUS
CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-
hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

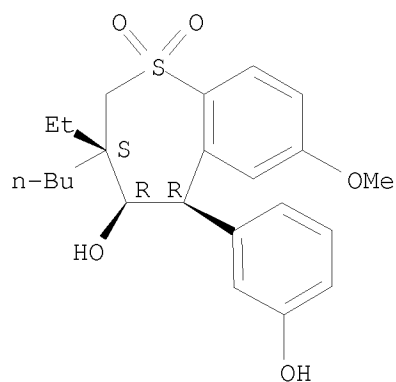
10/590,458



RN 197377-83-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

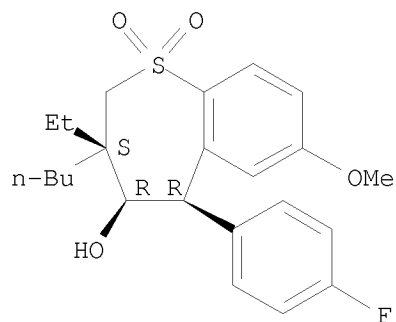
Relative stereochemistry.



RN 197377-84-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

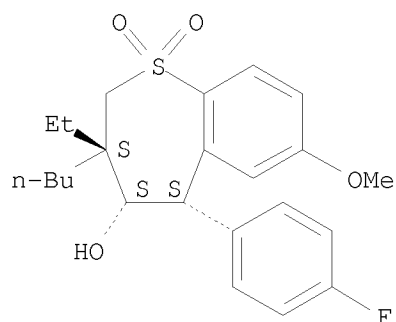


RN 197377-85-8 CAPLUS

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CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

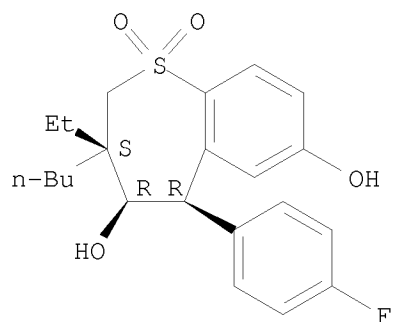
Relative stereochemistry.



RN 197377-86-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

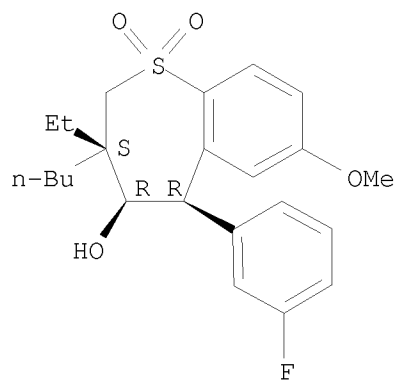
Relative stereochemistry.



RN 197377-90-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

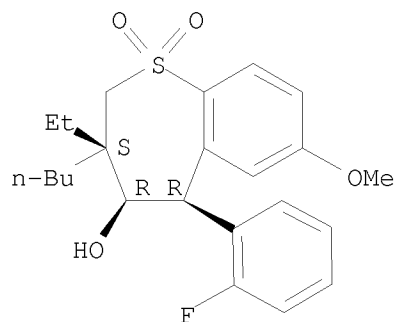
Relative stereochemistry.



RN 197377-94-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

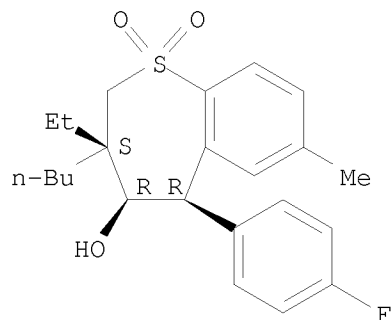
Relative stereochemistry.



RN 197377-96-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

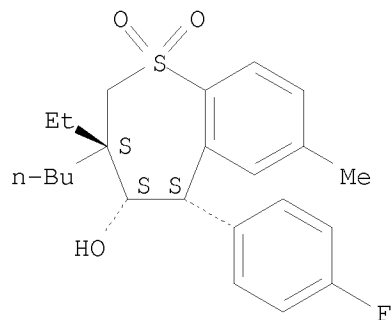
Relative stereochemistry.



RN 197377-98-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



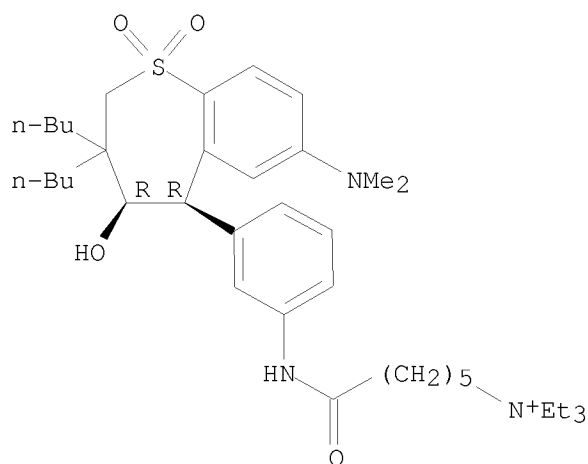
10/590,458

RN 197384-36-4 CAPLUS
CN 1-Hexanaminium, 6-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-6-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

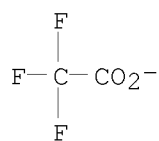
CRN 197384-35-3
CMF C38 H62 N3 O4 S

Relative stereochemistry.



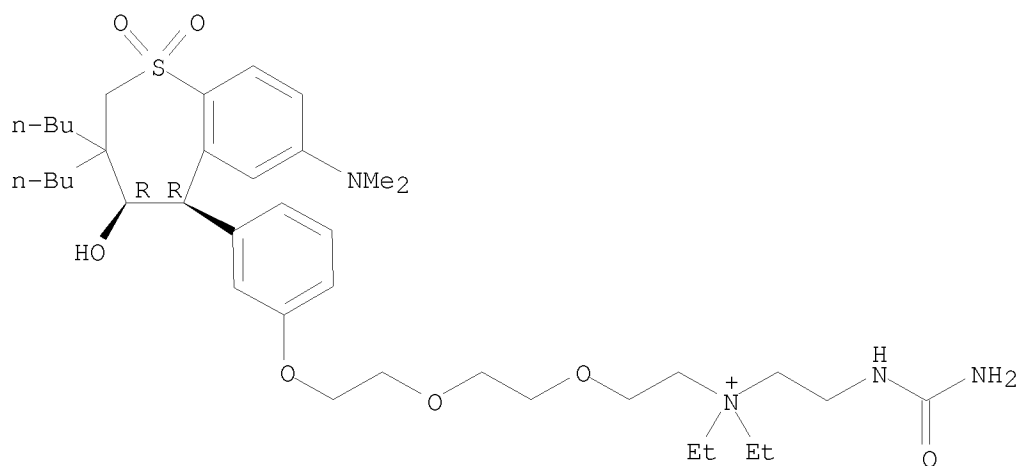
CM 2

CRN 14477-72-6
CMF C2 F3 O2



RN 197384-39-7 CAPLUS
CN Ethanaminium, 2-[(aminocarbonyl)amino]-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

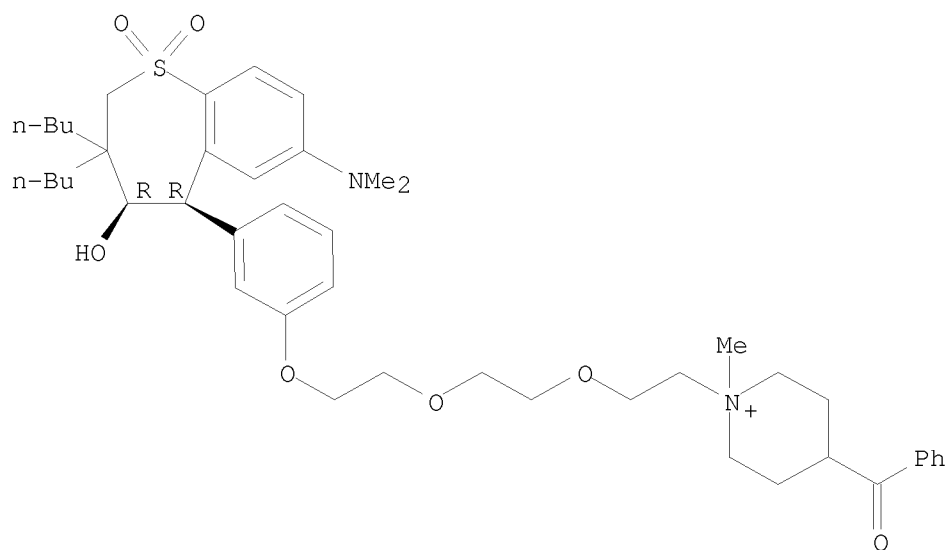


RN 197390-49-1 CAPLUS

CN Piperidinium, 4-benzoyl-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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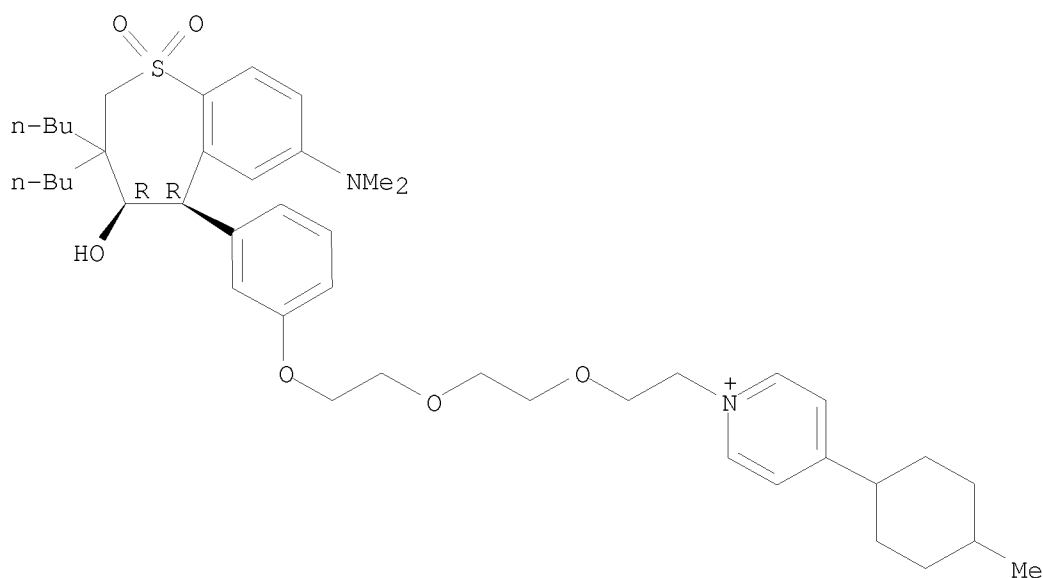
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RN 197390-68-4 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(4-methylcyclohexyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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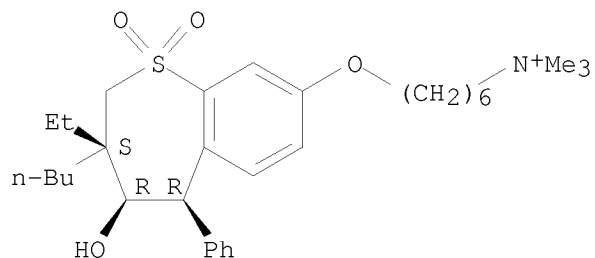
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RN 213312-80-2 CAPLUS
 CN 1-Hexanaminium, 6-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

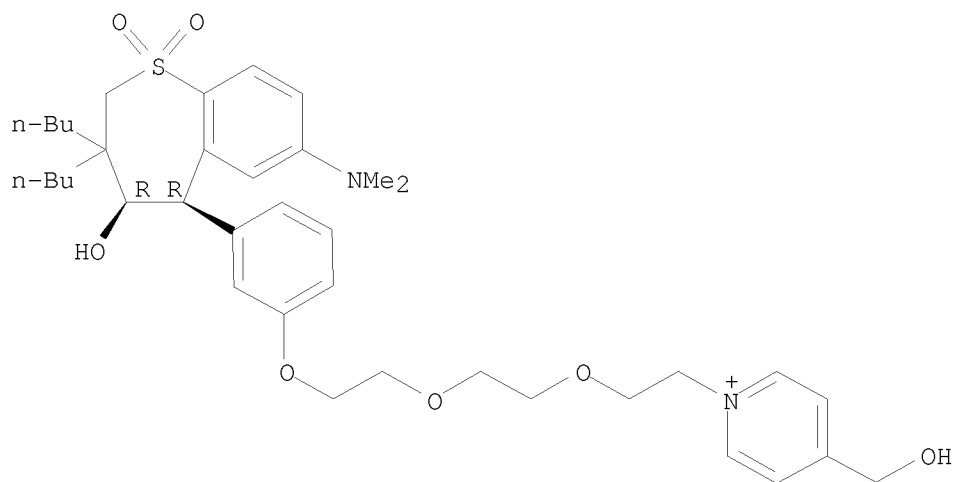
Relative stereochemistry.

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RN 213312-99-3 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, iodide (1:1), rel- (CA INDEX NAME)

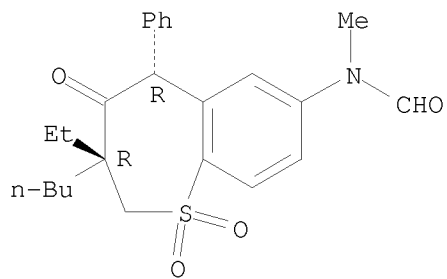
Relative stereochemistry.



RN 213313-15-6 CAPLUS
CN Formamide, N-[(3R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-1,1-dioxido-4-oxo-5-phenyl-1-benzothiepin-7-yl]-N-methyl-, rel- (CA INDEX NAME)

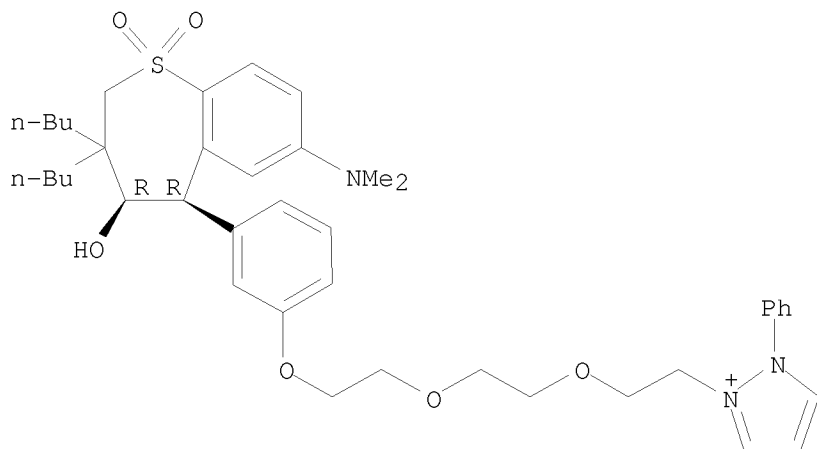
Relative stereochemistry.

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RN	213313-34-9	CAPLUS
CN	1H-Pyrazolium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.

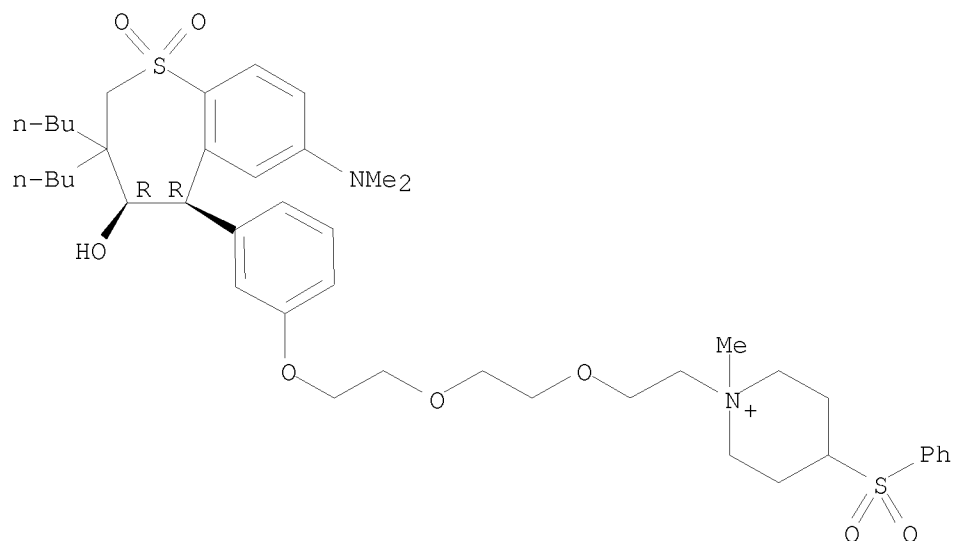


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RN	213386-72-2	CAPLUS
CN	Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(phenylsulfonyl)-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.

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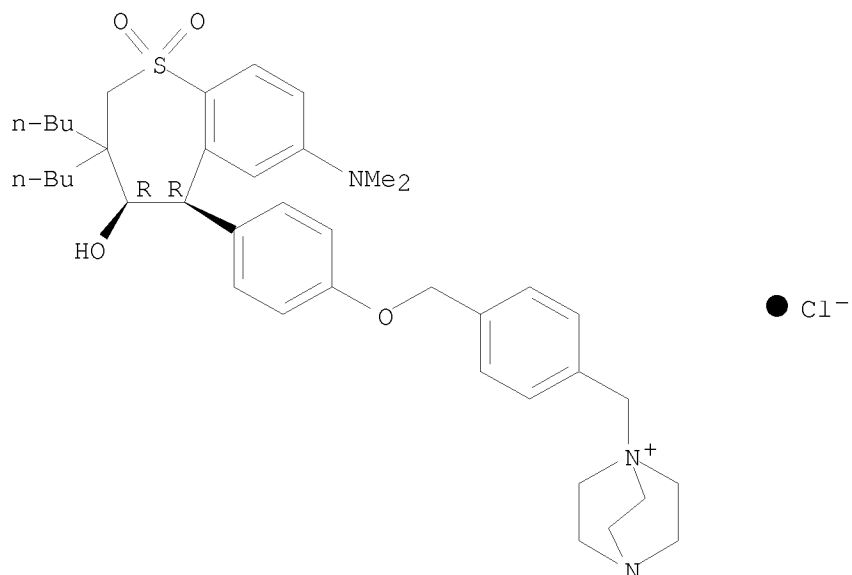
PAGE 2-A



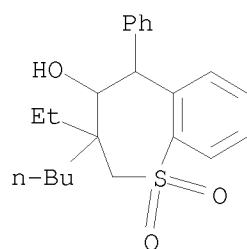
RN 228113-66-4 CAPLUS
 CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
 chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

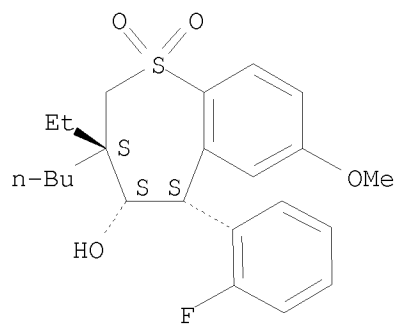


RN 289037-53-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide (CA INDEX NAME)



RN 289037-54-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-
7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

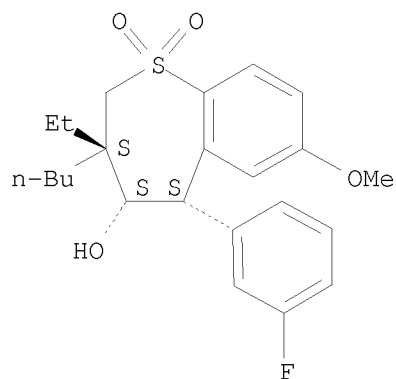


10/590,458

RN 289037-55-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

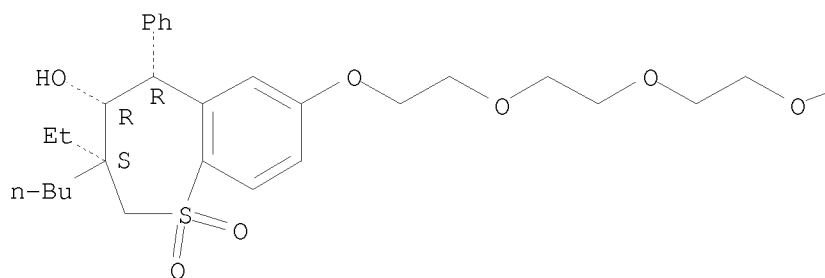


RN 289037-56-5 CAPLUS

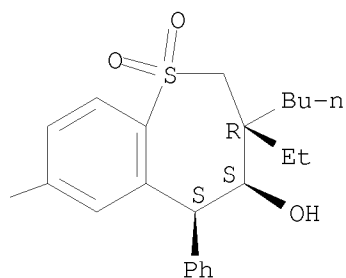
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'S,4S,4'R,5S,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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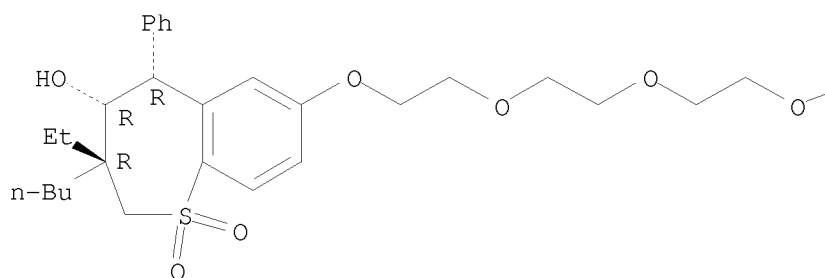


RN 289037-57-6 CAPLUS

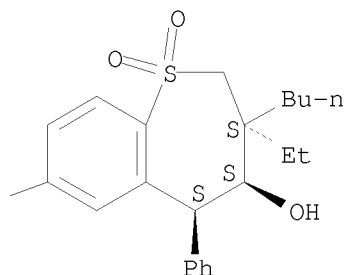
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'S,4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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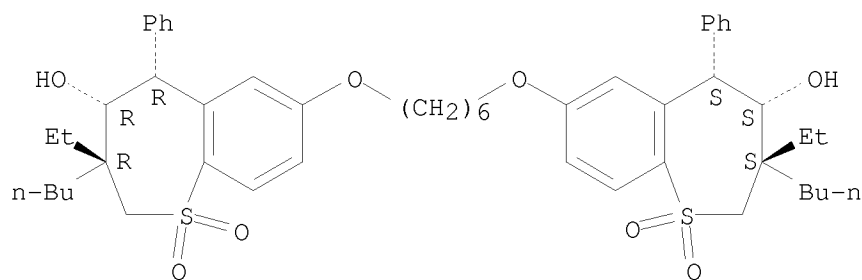
RN 289037-58-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7,7'-[1,6-hexanediylbis(oxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide,

10/590,458

(3R,3'S,4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

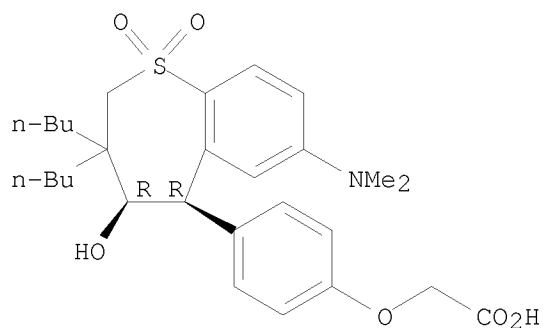
Relative stereochemistry.



RN 289037-59-8 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

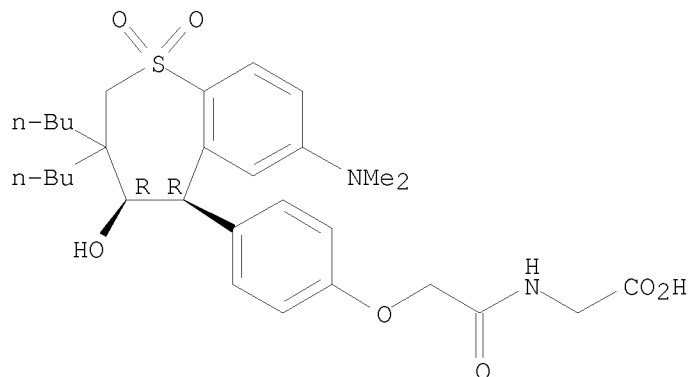


RN 289037-60-1 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

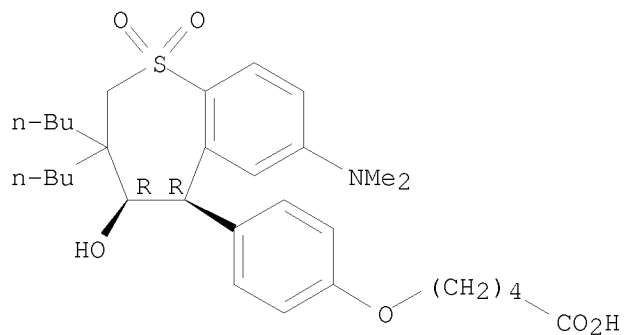
10/590,458



RN 289037-61-2 CAPLUS

CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

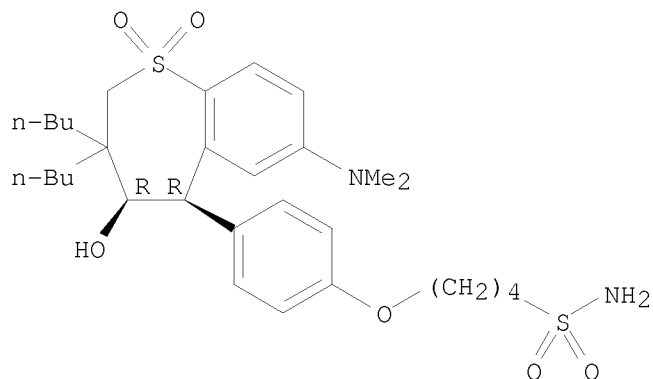


RN 289037-62-3 CAPLUS

CN 1-Butanesulfonamide, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

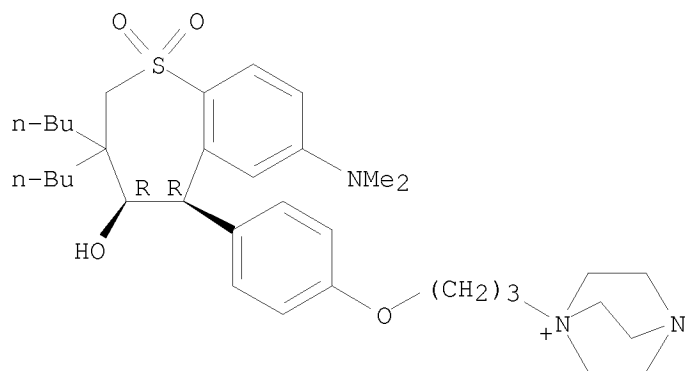


RN 289037-64-5 CAPLUS
 CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, methanesulfonate
 (1:1) (CA INDEX NAME)

CM 1

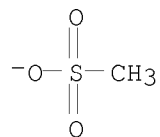
CRN 289037-63-4
 CMF C35 H54 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16053-58-0
 CMF C H3 O3 S



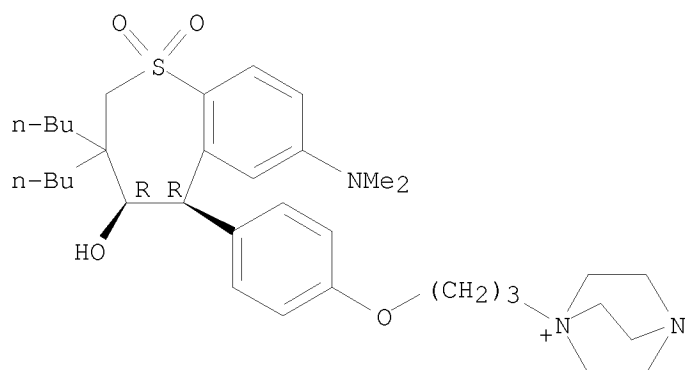
10/590,458

RN 289037-65-6 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-,
4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

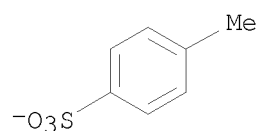
CRN 289037-63-4
CMF C35 H54 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16722-51-3
CMF C7 H7 O3 S



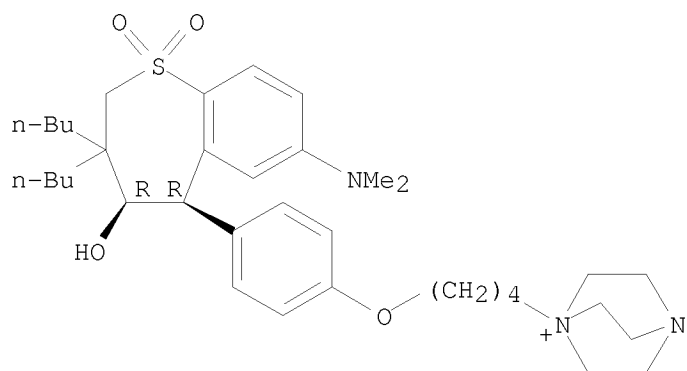
RN 289037-67-8 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate
(1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7
CMF C36 H56 N3 O4 S

Absolute stereochemistry.

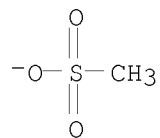
10/590,458



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-68-9 CAPLUS

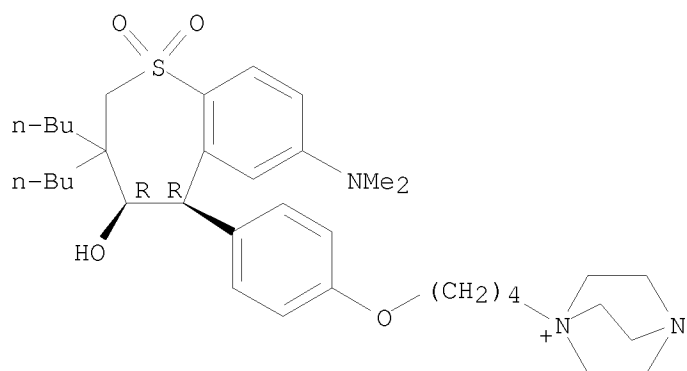
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-,
4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7

CMF C36 H56 N3 O4 S

Absolute stereochemistry.

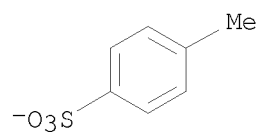


10/590,458

CM 2

CRN 16722-51-3

CMF C7 H7 O3 S



RN 289037-70-3 CAPLUS

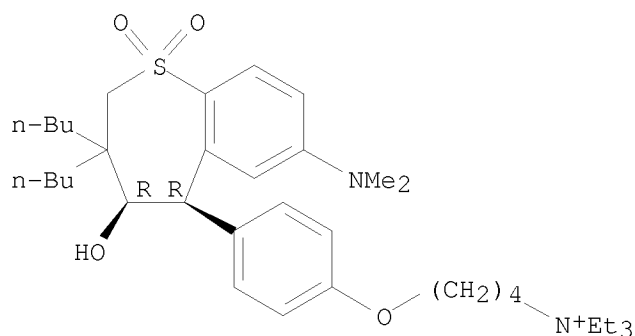
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, methanesulfonate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 289037-69-0

CMF C36 H59 N2 O4 S

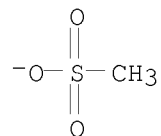
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-72-5 CAPLUS

CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

10/590,458

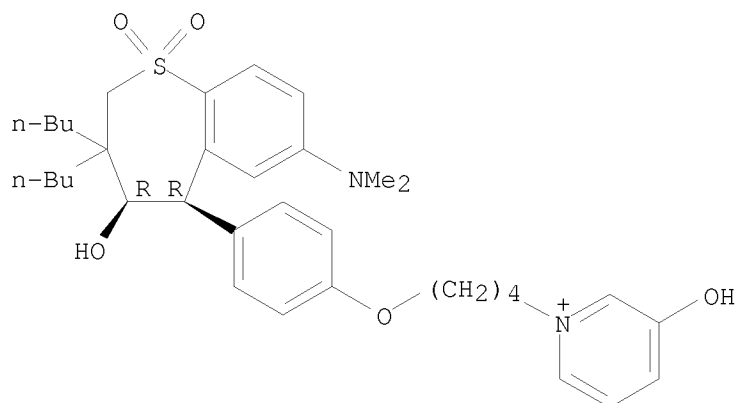
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-3-hydroxy-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-71-4

CMF C35 H49 N2 O5 S

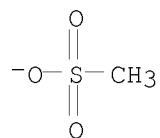
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-74-7 CAPLUS

CN Quinolinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, methanesulfonate (1:1) (CA INDEX NAME)

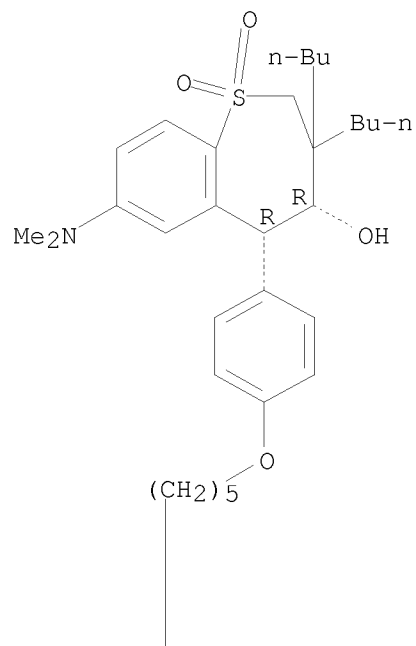
CM 1

CRN 289037-73-6

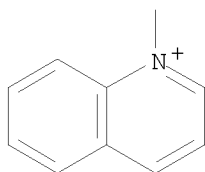
CMF C40 H53 N2 O4 S

Absolute stereochemistry.

PAGE 1-A



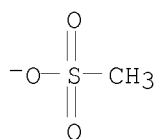
PAGE 2-A



CM 2

CRN 16053-58-0

CMF C H3 O3 S

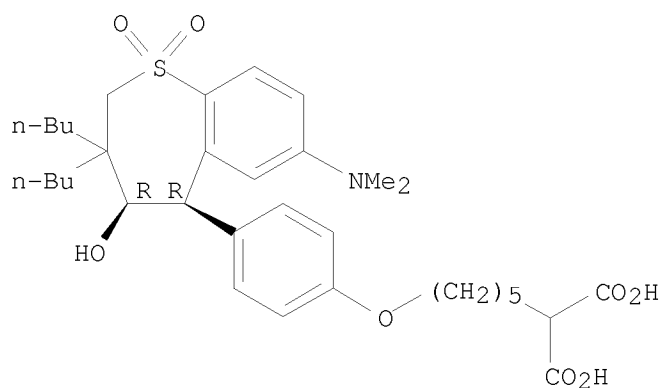


RN 289037-75-8 CAPLUS

CN Propanedioic acid, 2-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

10/590,458

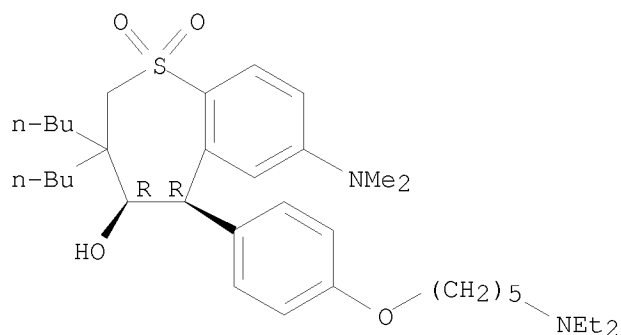
Absolute stereochemistry.



RN 289037-76-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[5-(diethylamino)pentyl]oxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

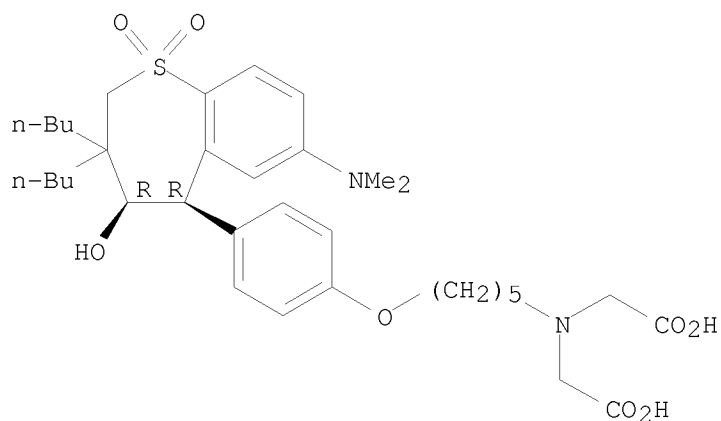


RN 289037-77-0 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

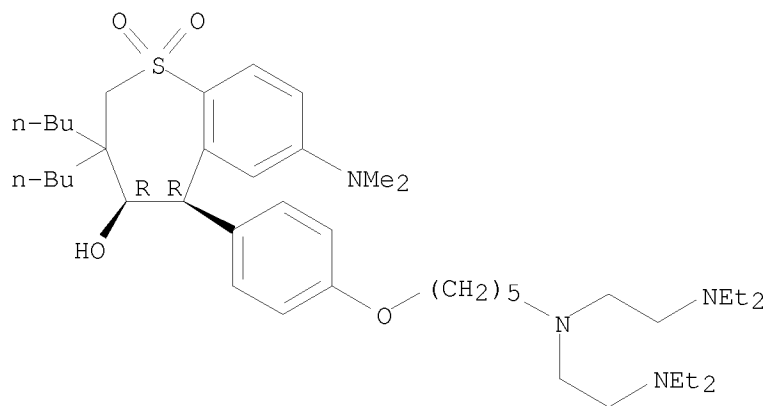
10/590,458



RN 289037-78-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[[5-[bis[2-(diethylamino)ethyl]amino]pentyl]oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

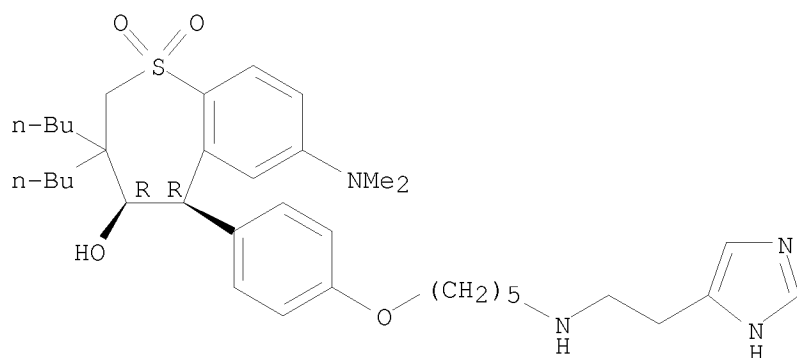


RN 289037-79-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[5-[2-(1H-imidazol-5-yl)ethyl]amino]pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

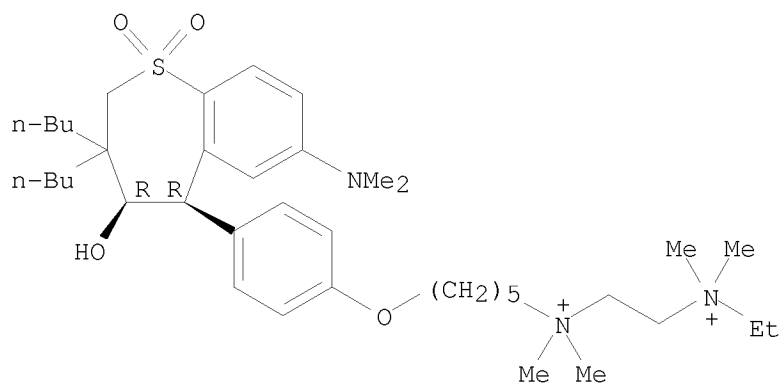
10/590,458



RN 289037-80-5 CAPLUS

CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, chloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.



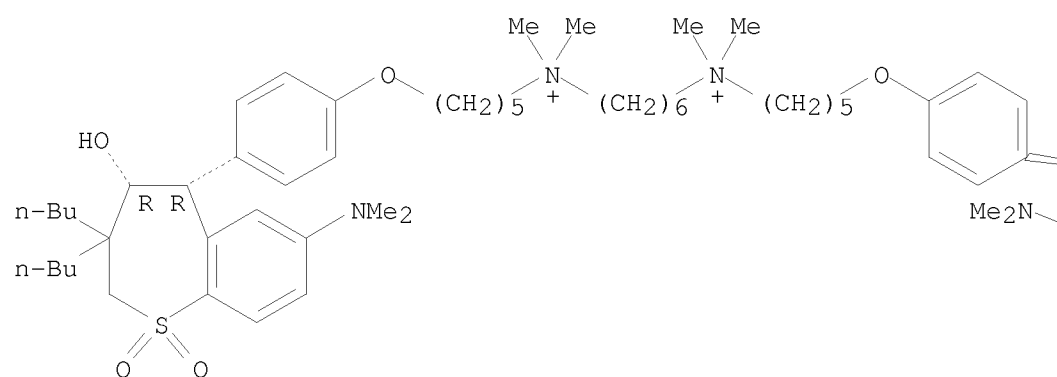
● 2 Cl⁻

RN 289037-81-6 CAPLUS

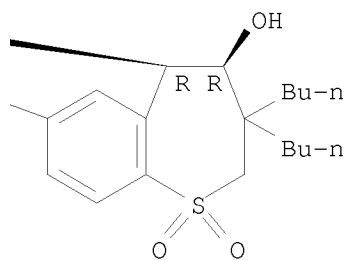
CN 1,6-Hexanediaminium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl-, chloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.

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● 2 Cl⁻

PAGE 1-B

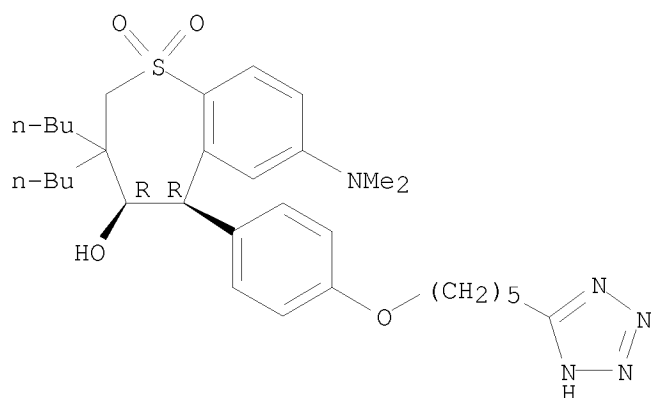


RN 289037-82-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-(2H-tetrazol-5-yl)pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA
INDEX NAME)

Absolute stereochemistry.

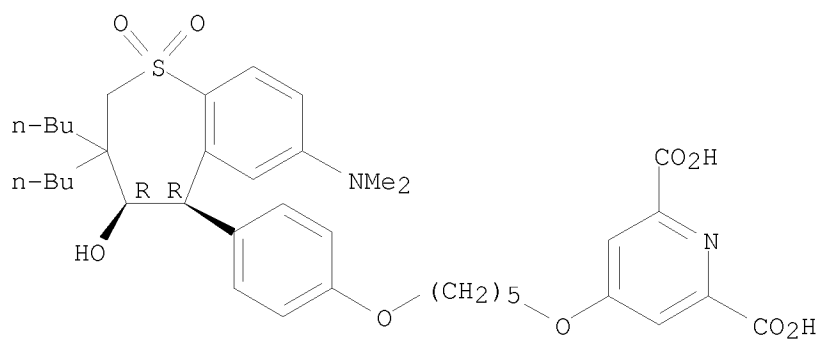
10/590,458



RN 289037-83-8 CAPLUS

CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]oxy]- (CA INDEX NAME)

Absolute stereochemistry.

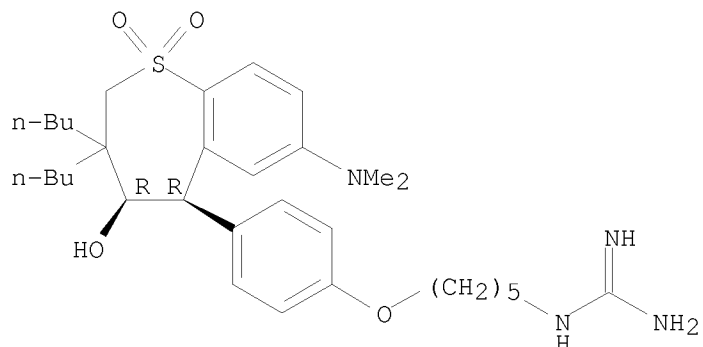


RN 289037-84-9 CAPLUS

CN Guanidine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

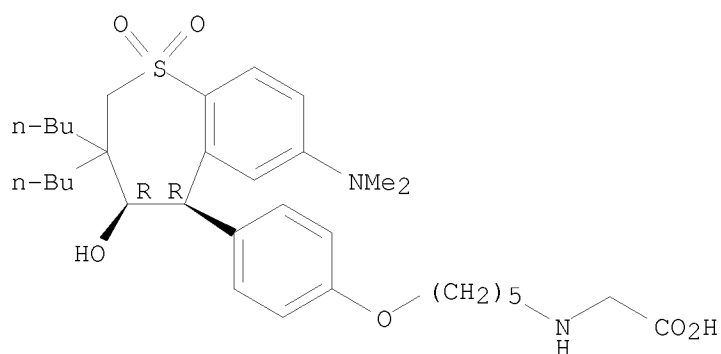
10/590,458



RN 289037-85-0 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

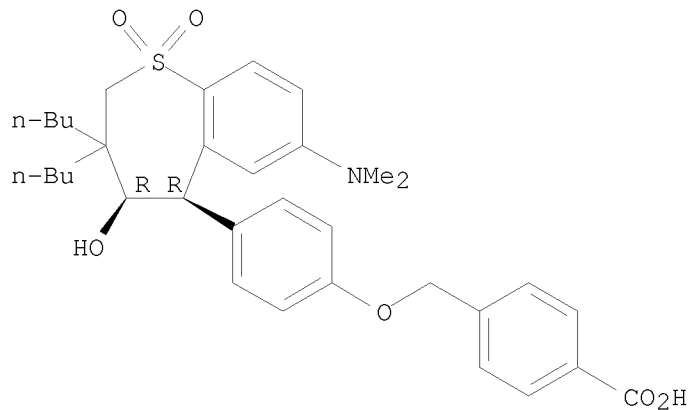


RN 289037-86-1 CAPLUS

CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

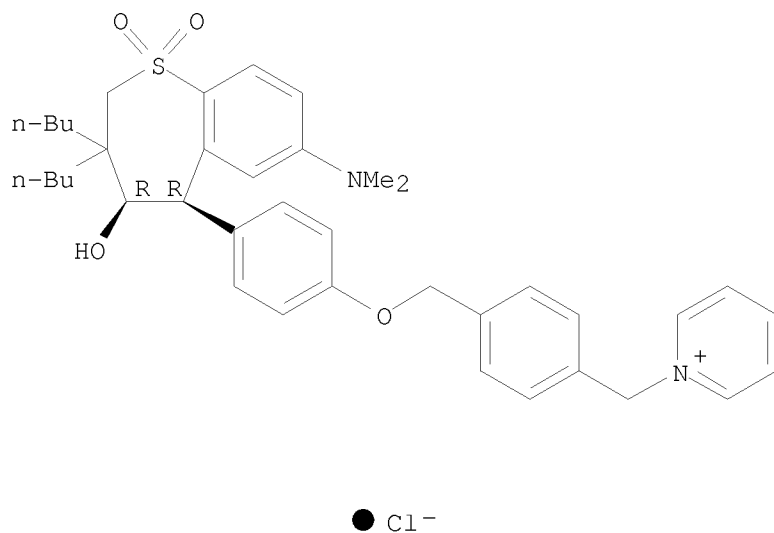
10/590,458



RN 289037-87-2 CAPLUS

CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

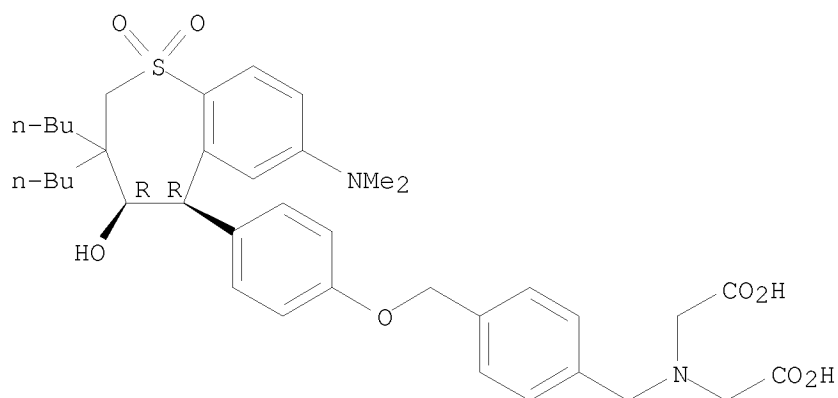


RN 289037-88-3 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

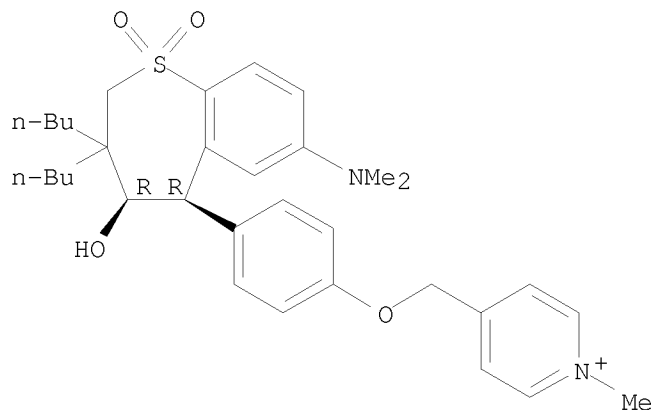


RN 289037-90-7 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-89-4
CMF C33 H45 N2 O4 S

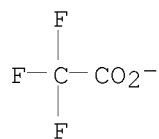
Absolute stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

10/590,458



RN 289037-91-8 CAPLUS

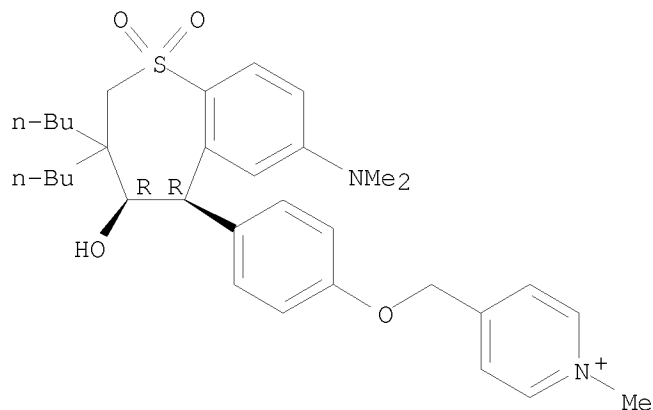
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-89-4

CMF C33 H45 N2 O4 S

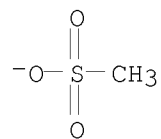
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S

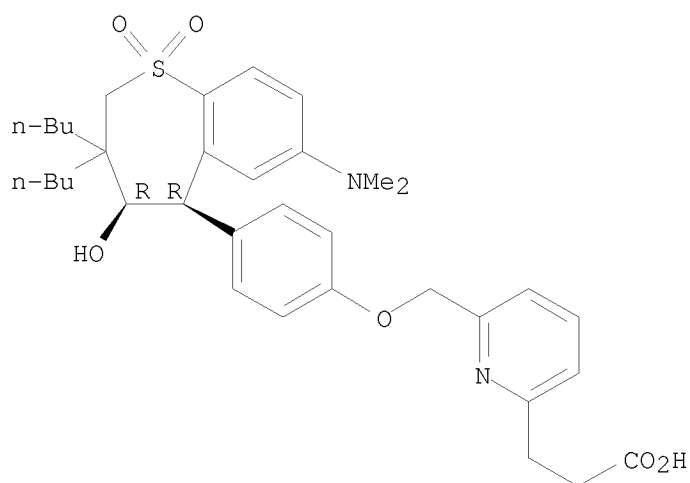


RN 289037-92-9 CAPLUS

CN 2-Pyridinepropanoic acid, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

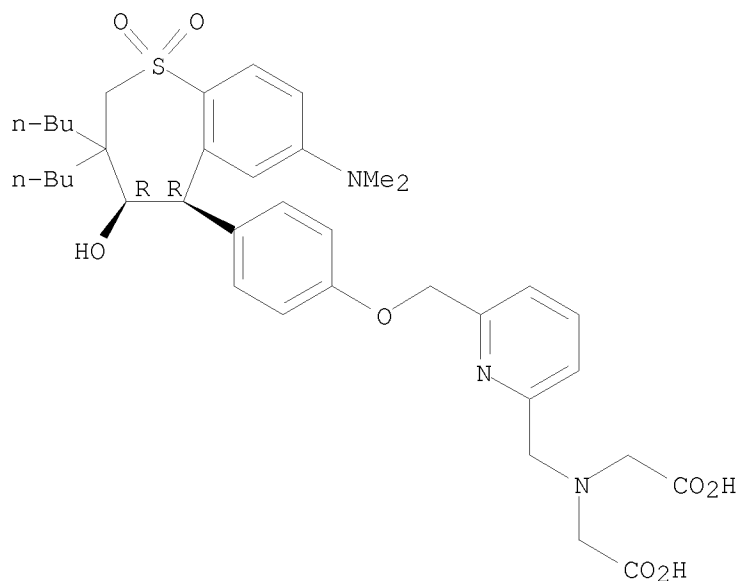
10/590,458



RN 289037-93-0 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

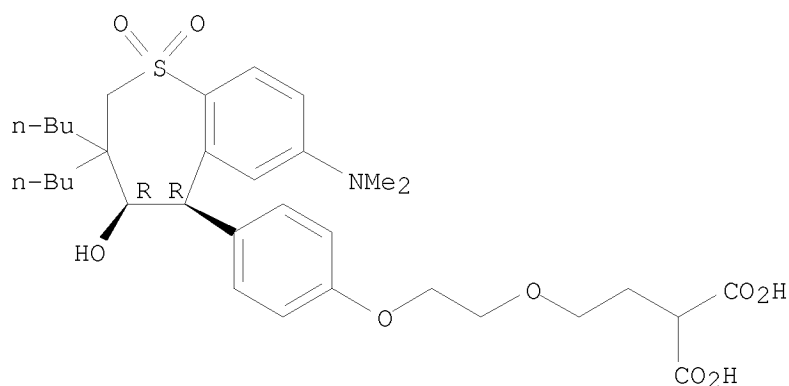


RN 289037-94-1 CAPLUS

CN Propanedioic acid, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]- (CA INDEX NAME)

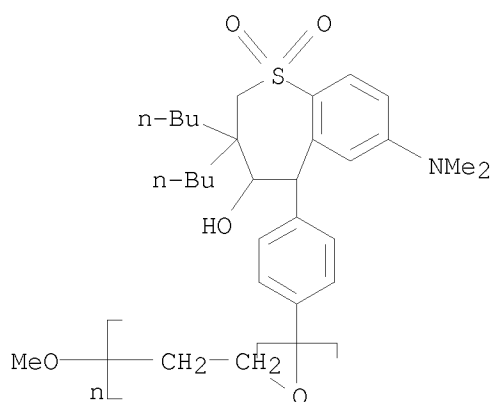
Absolute stereochemistry.

10/590,458



RN 289037-95-2 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -methoxy- (9CI) (CA INDEX NAME)

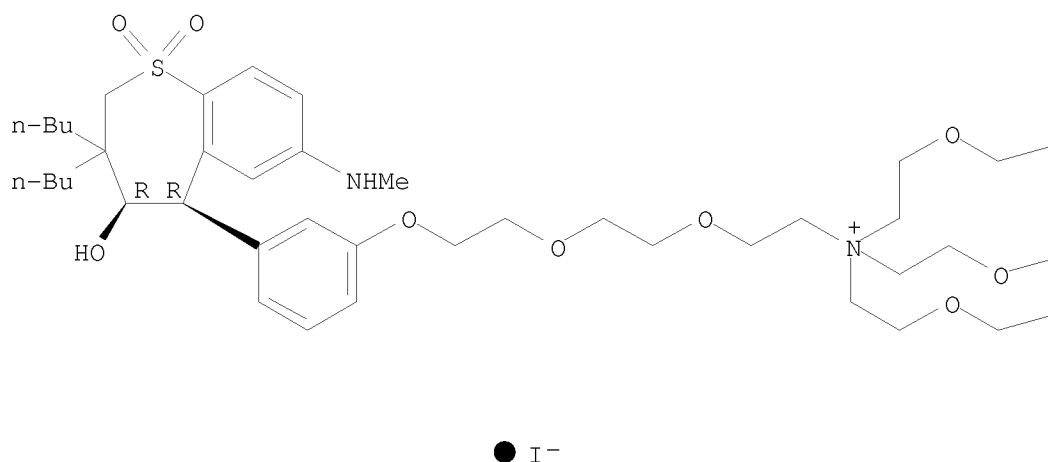


RN 289038-00-2 CAPLUS

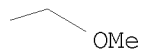
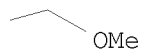
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



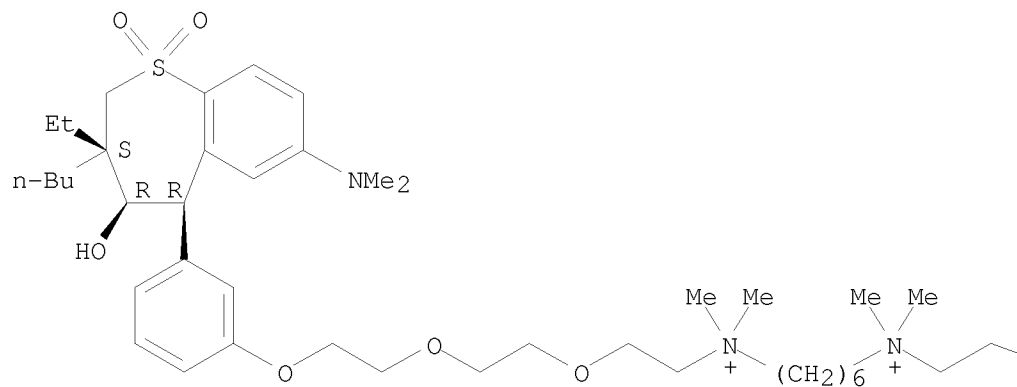
PAGE 1-B



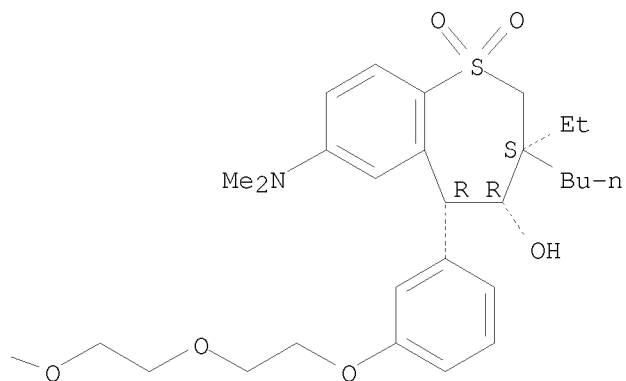
RN 289038-01-3 CAPLUS
 CN 1,6-Hexanediaminium, N1,N6-bis[2-[2-[2-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N6,N6-tetramethyl-, iodide (1:2) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

● 2 I⁻

PAGE 1-B

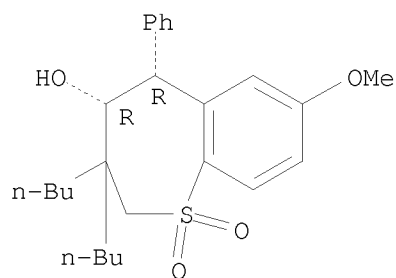


RN 289038-02-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

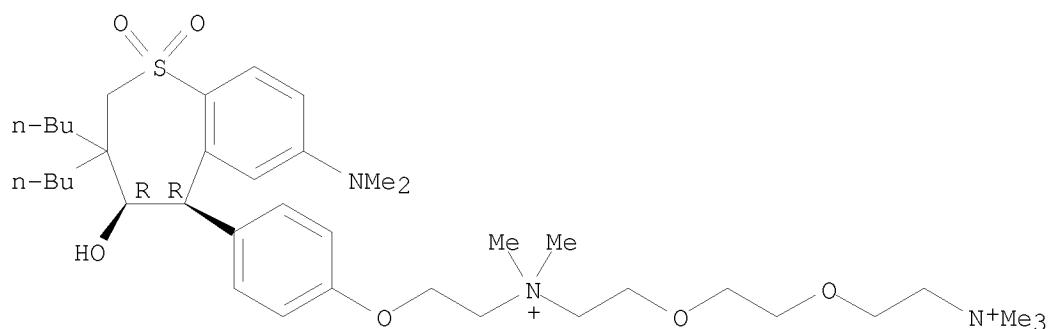
10/590,458



RN 289038-04-6 CAPLUS

CN Ethanaminium, 2-[2-[2-[[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethyl]dimethylammonio]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



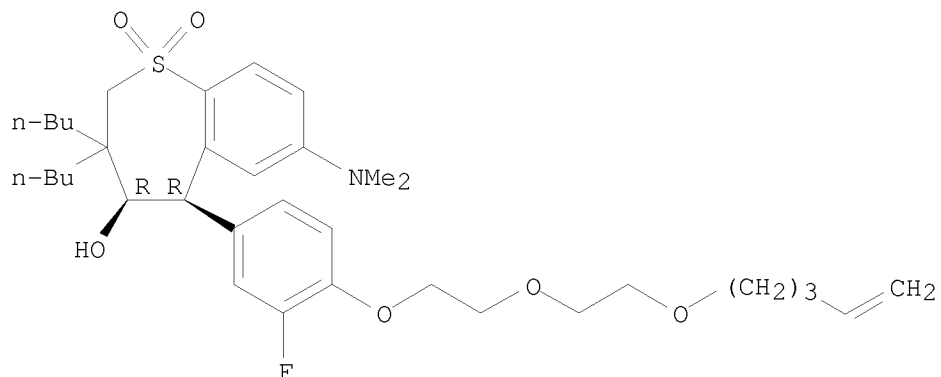
●2 I⁻

RN 289038-05-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-[2-(4-penten-1-yloxy)ethoxy]ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

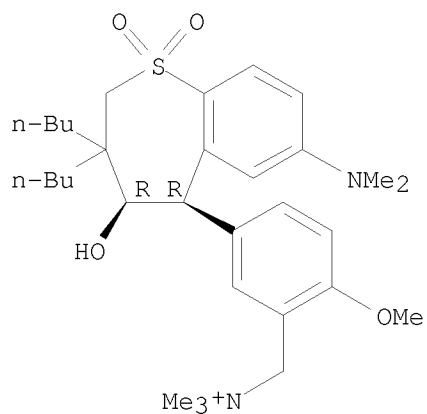
10/590,458



RN 289038-06-8 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-methoxy-N,N,N-trimethyl-, rel- (CA INDEX NAME)

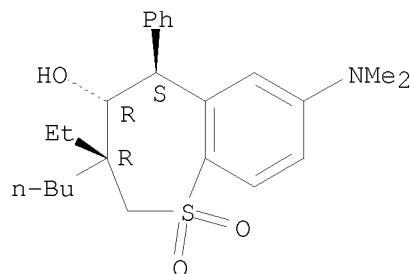
Relative stereochemistry.



RN 289038-07-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

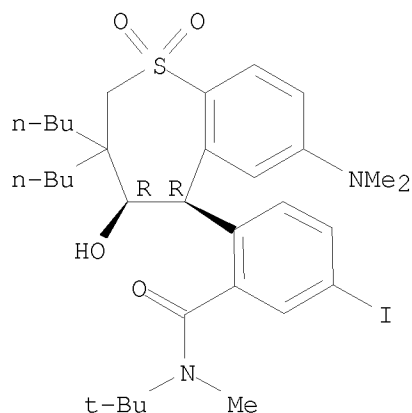
Relative stereochemistry.



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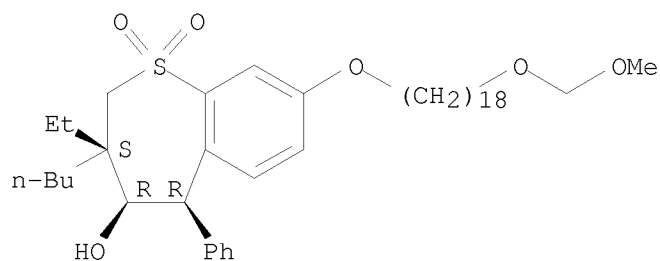
RN 289038-09-1 CAPLUS
CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(1,1-dimethylethyl)-5-iodo-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 289038-11-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[[18-(methoxymethoxy)octadecyl]oxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

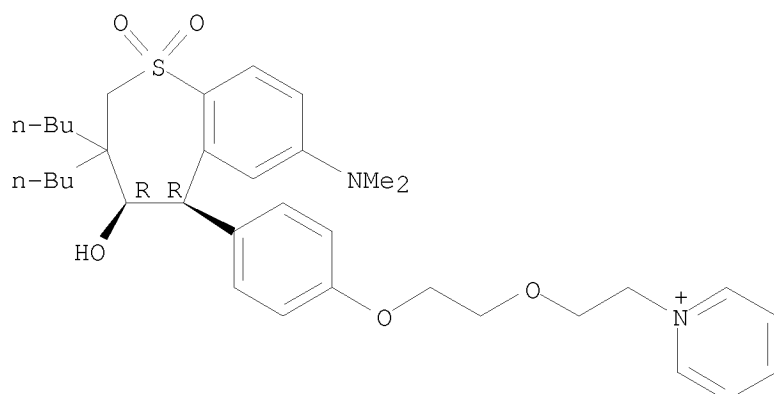
Relative stereochemistry.



RN 289038-13-7 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

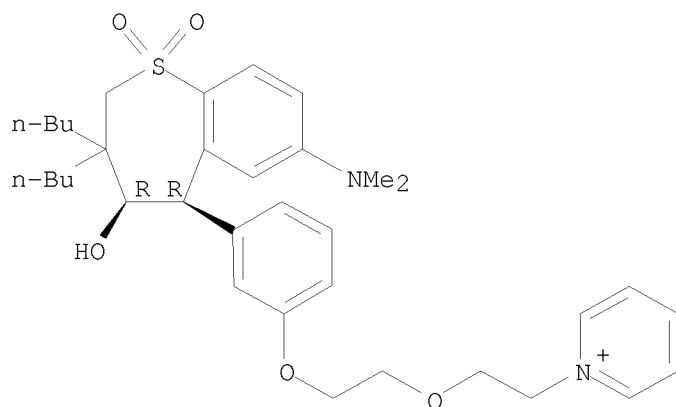
Relative stereochemistry.

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RN 289038-15-9 CAPLUS
CN Pyridinium, 1-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

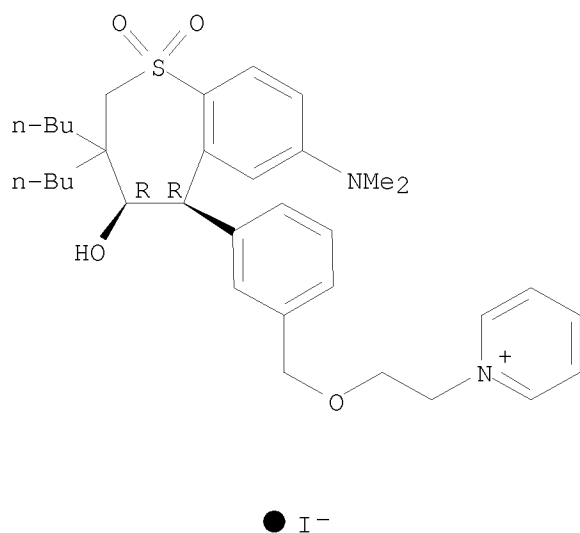
Relative stereochemistry.



RN 289038-16-0 CAPLUS
CN Pyridinium, 1-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

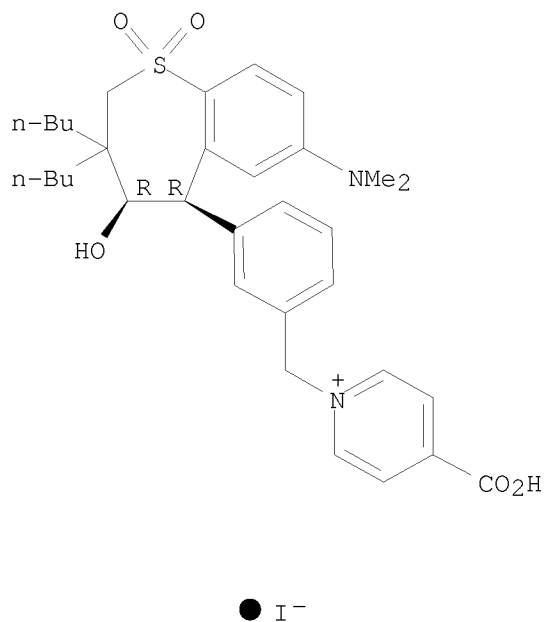
10/590,458



RN 289038-18-2 CAPLUS

CN Pyridinium, 4-carboxy-1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

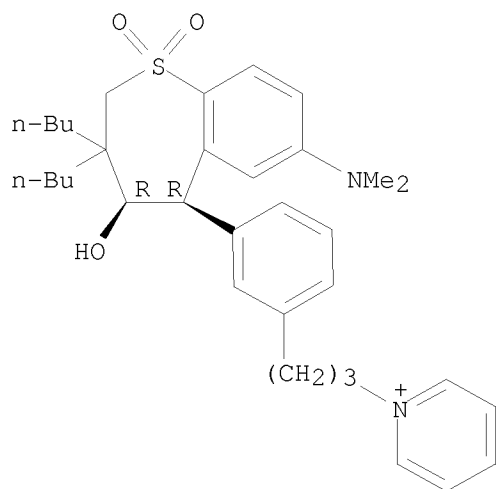


RN 289038-19-3 CAPLUS

CN Pyridinium, 1-[3-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]propyl]-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

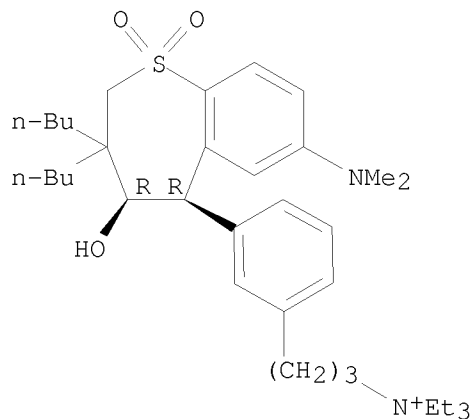
Relative stereochemistry.



RN 289038-21-7 CAPLUS

CN Benzenepropanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



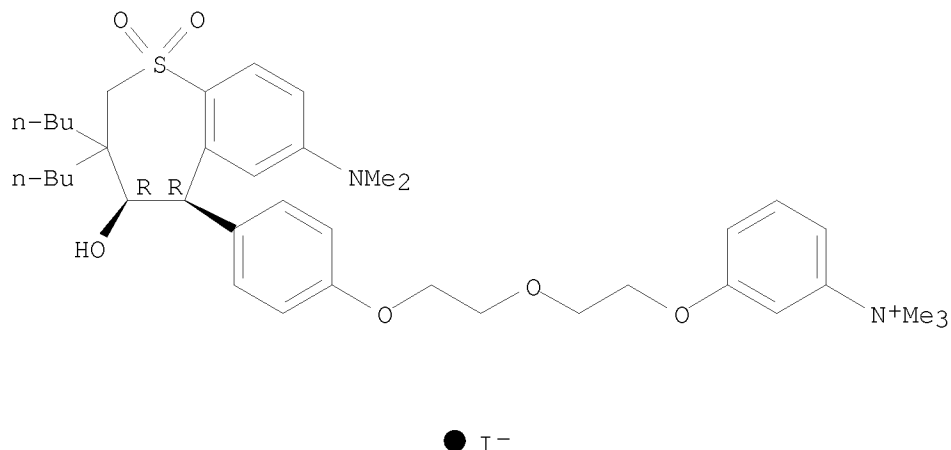
RN 289038-23-9 CAPLUS

CN Benzenaminium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

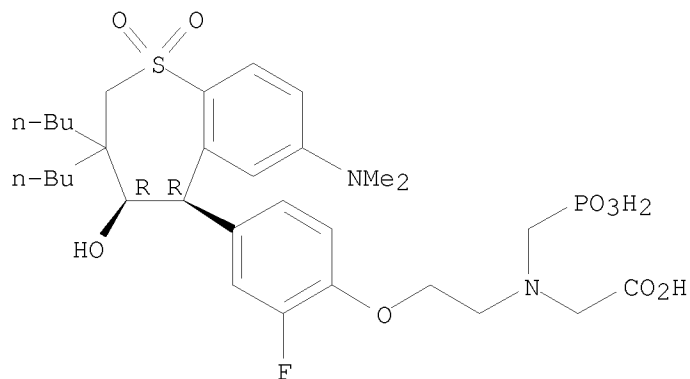
yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 289038-24-0 CAPLUS
CN Glycine, N-[2-[4-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-N-(phosphonomethyl)-, rel- (CA INDEX NAME)

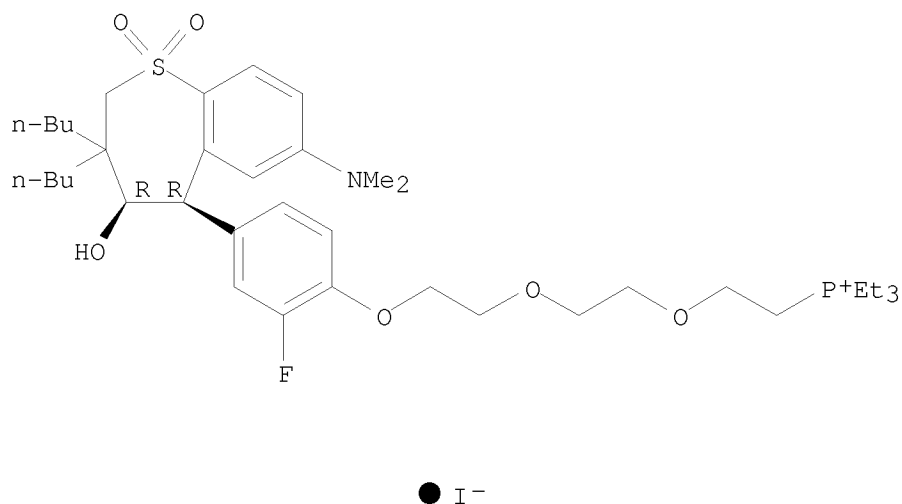
Relative stereochemistry.



RN 289038-25-1 CAPLUS
CN Phosphonium, [2-[2-[2-[4-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]triethyl-, iodide (1:1), rel- (CA INDEX NAME)

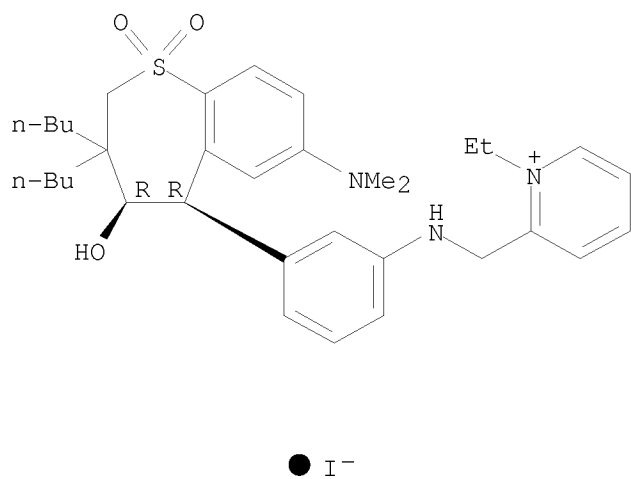
Relative stereochemistry.

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RN 289038-26-2 CAPLUS
CN Pyridinium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

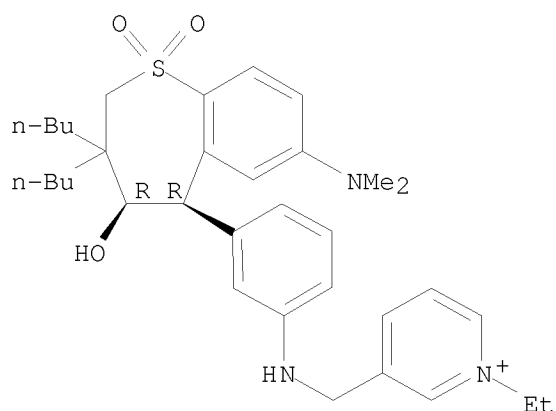
Relative stereochemistry.



RN 289038-27-3 CAPLUS
CN Pyridinium, 3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

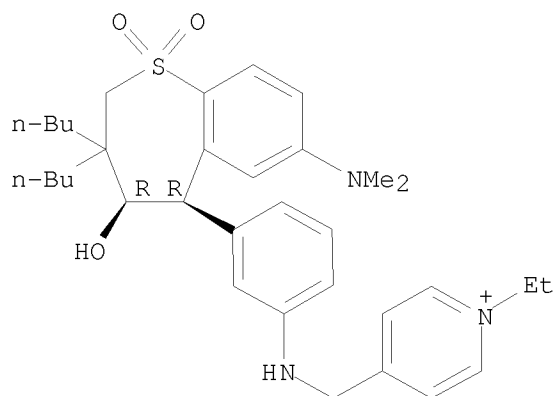
Relative stereochemistry.

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RN 289038-28-4 CAPLUS
CN Pyridinium, 4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

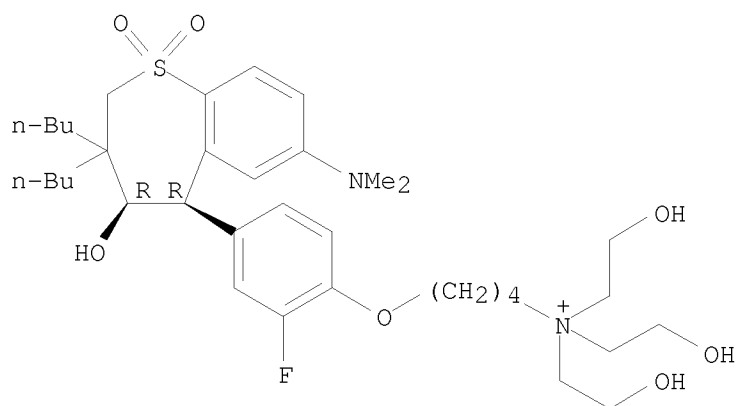
Relative stereochemistry.



RN 289038-33-1 CAPLUS
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-tris(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

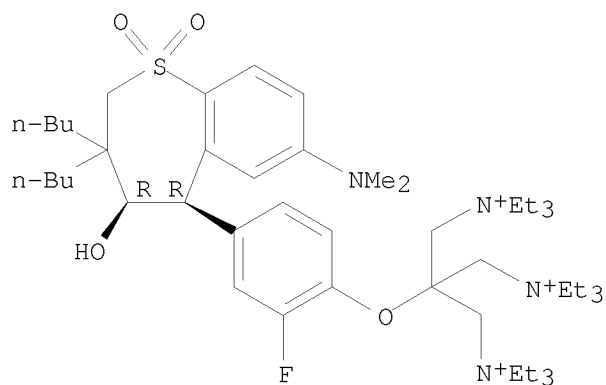
10/590,458



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RN 289038-34-2 CAPLUS
 CN 1,3-Propanediaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N1,N1,N1,N3,N3,N3-hexaethyl-2-[(triethylammonio)methyl]-, iodide (1:3), rel- (CA INDEX NAME)

Relative stereochemistry.

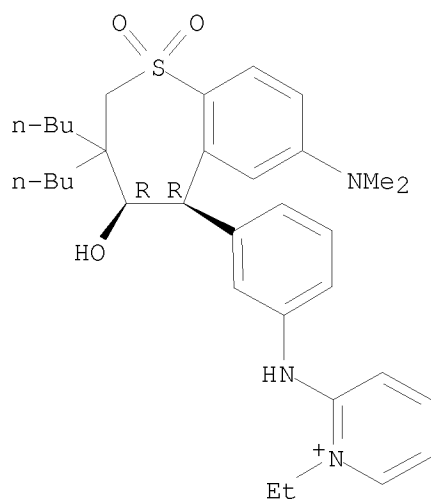


●₃ I⁻

RN 289038-35-3 CAPLUS
 CN Pyridinium, 2-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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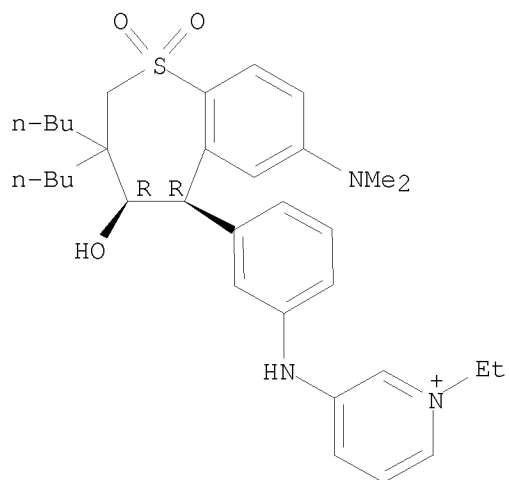


● I⁻

RN 289038-36-4 CAPLUS

CN Pyridinium, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



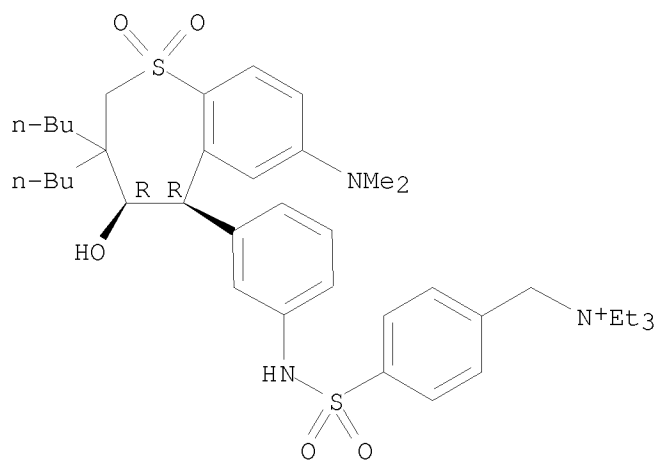
● I⁻

RN 289038-37-5 CAPLUS

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CN Benzenemethanaminium, 4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]sulfonyl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

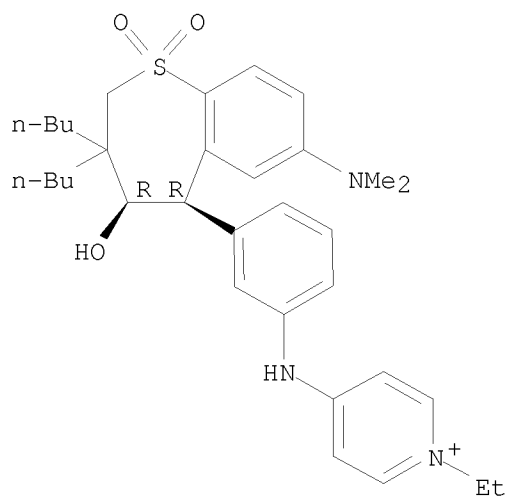


RN 289038-38-6 CAPLUS

CN Pyridinium, 4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

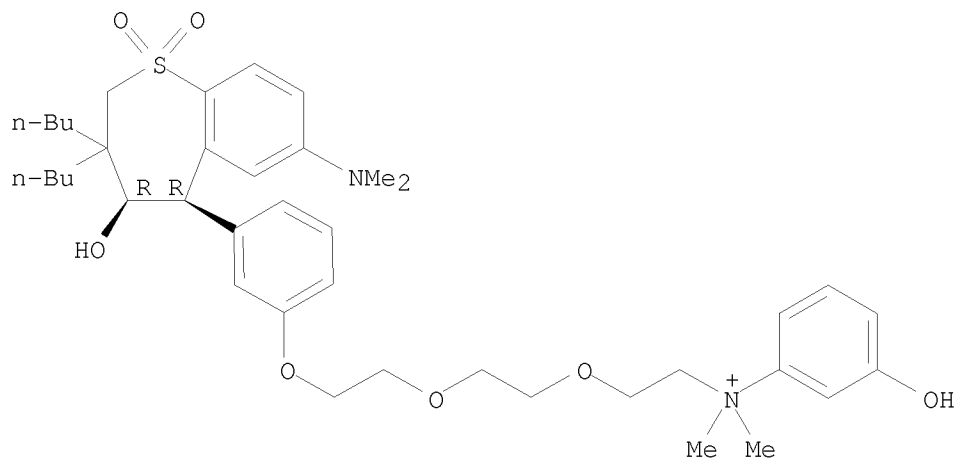
Relative stereochemistry.

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RN 289038-42-2 CAPLUS
 CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-hydroxy-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

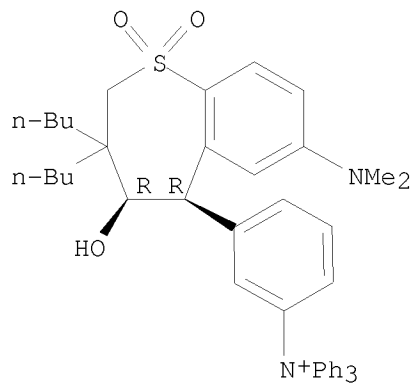


RN 289038-43-3 CAPLUS
 CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-

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4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triphenyl-, bromide
(1:1), rel- (CA INDEX NAME)

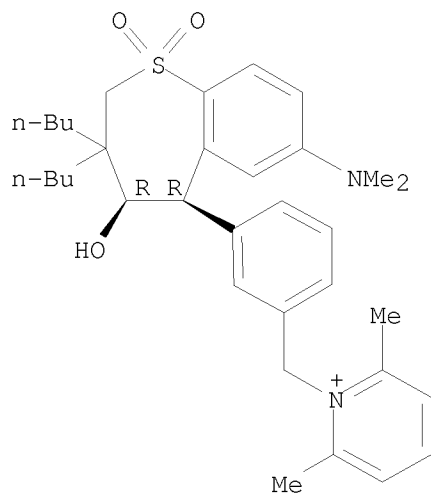
Relative stereochemistry.



RN 289038-44-4 CAPLUS

CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-2,6-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

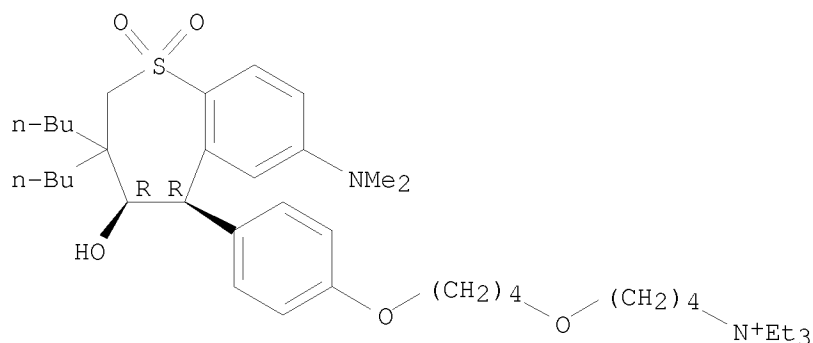


RN 289038-45-5 CAPLUS

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CN 1-Butanaminium, 4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

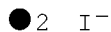
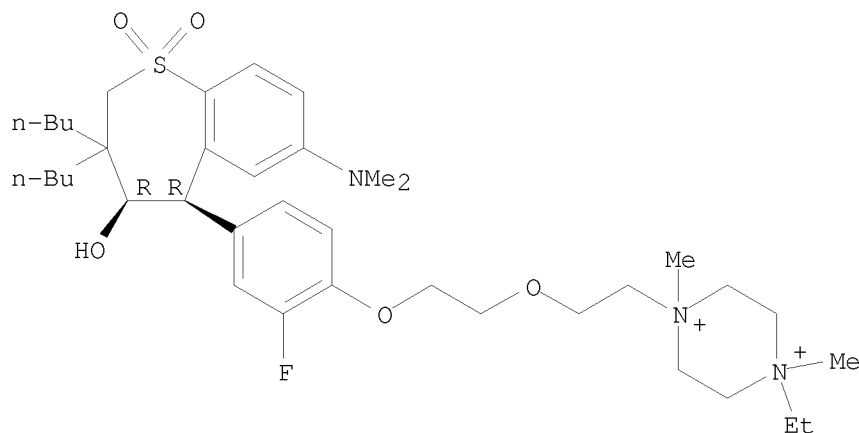
Relative stereochemistry.



RN 289056-45-7 CAPLUS

CN	Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-ethyl-1,4-dimethyl-, iodide (1:2), rel- (CA INDEX NAME)
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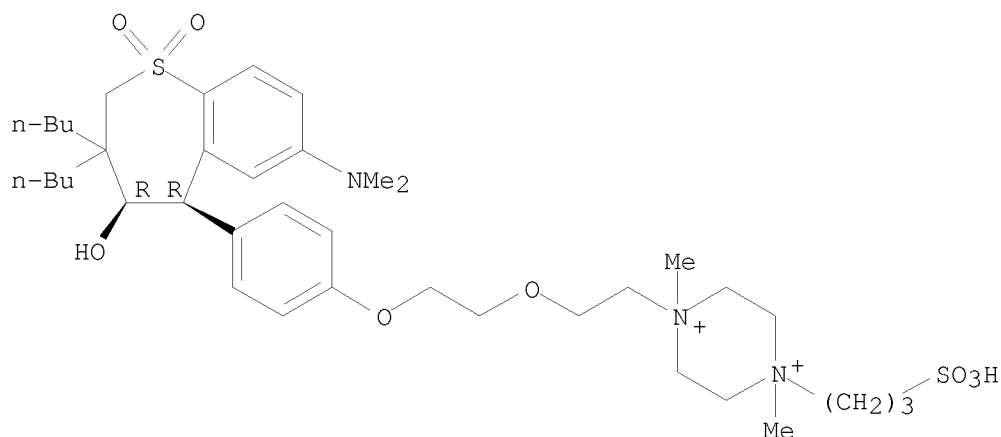
Relative stereochemistry.



RN 289056-46-8 CAPLUS

CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-1,4-dimethyl-4-(3-sulfopropyl)-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

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IT	197373-46-9P	228113-63-1P	228113-64-2P
	228113-65-3P	289038-46-6P	289038-47-7P
	289038-52-4P	289038-53-5P	289038-54-6P
	289038-55-7P	289038-56-8P	289038-57-9P
	289038-58-0P	289038-59-1P	289038-60-4P
	289038-61-5P	289038-62-6P	289038-63-7P
	289038-64-8P	289038-65-9P	289038-66-0P
	289038-67-1P	289038-68-2P	289038-70-6P
	289038-72-8P	289038-74-0P	289038-75-1P
	289038-77-3P	289038-78-4P	289038-79-5P
	289038-80-8P	289038-81-9P	289038-82-0P
	289038-83-1P	289038-84-2P	289038-86-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

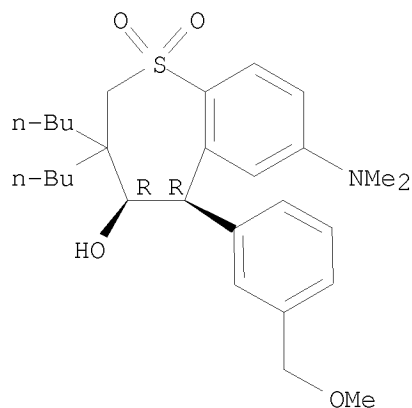
(intermediate; preparation of substituted 5-aryl-benzothiepies by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 197373-46-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(methoxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

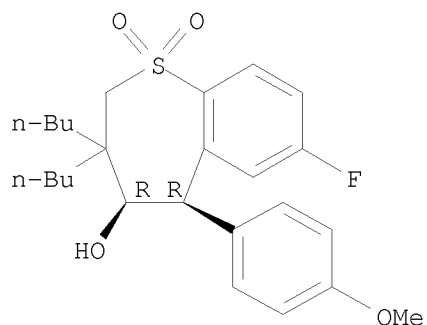
10/590,458



RN 228113-63-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

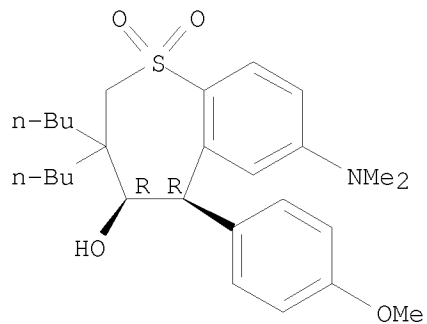
Absolute stereochemistry.



RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



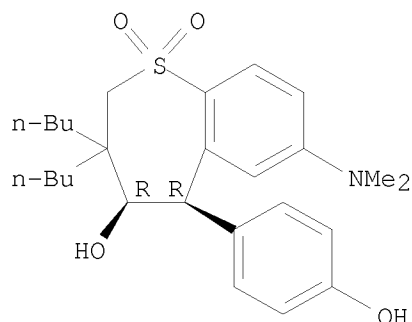
RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-

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hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

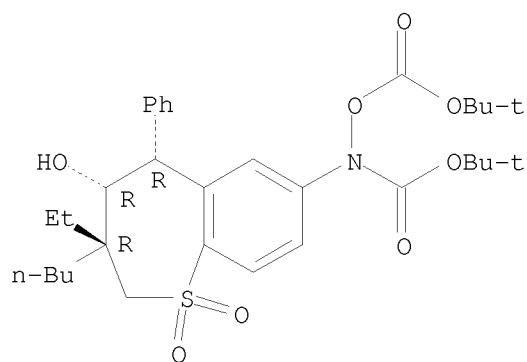
Absolute stereochemistry.



RN 289038-46-6 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl][[(1,1-dimethylethoxy)carbonyl]oxy]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

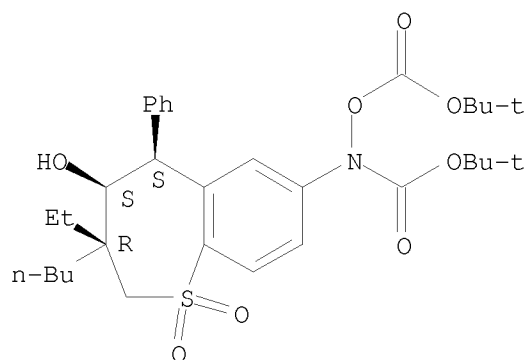


RN 289038-47-7 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl][[(1,1-dimethylethoxy)carbonyl]oxy]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

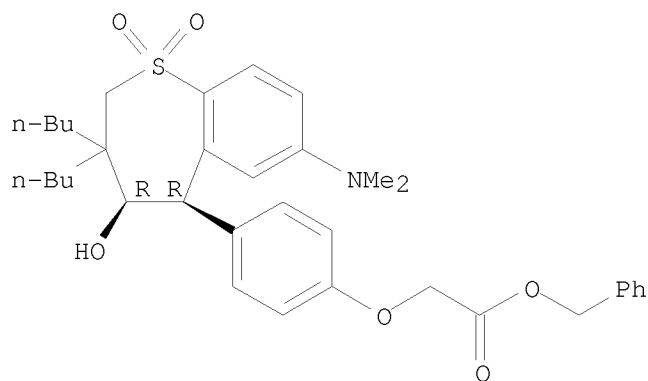
10/590,458



RN 289038-52-4 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

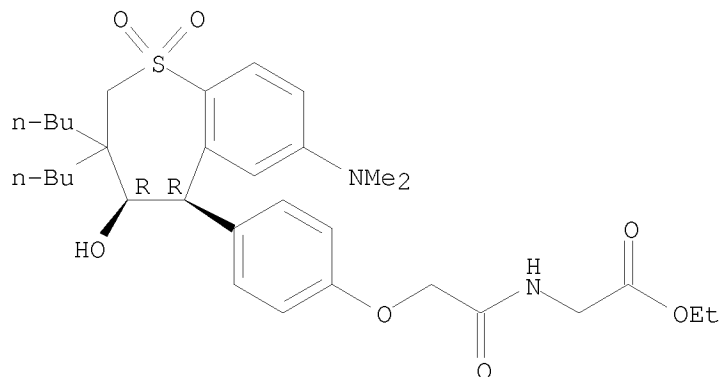


RN 289038-53-5 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

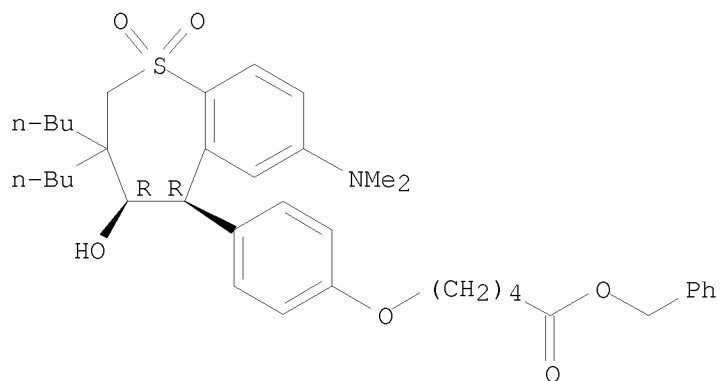
10/590,458



RN 289038-54-6 CAPLUS

CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

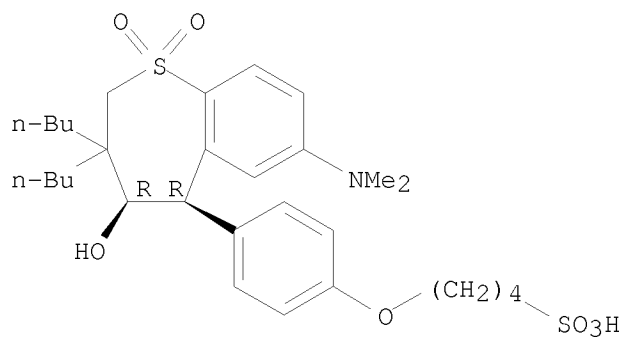


RN 289038-55-7 CAPLUS

CN 1-Butanesulfonic acid, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

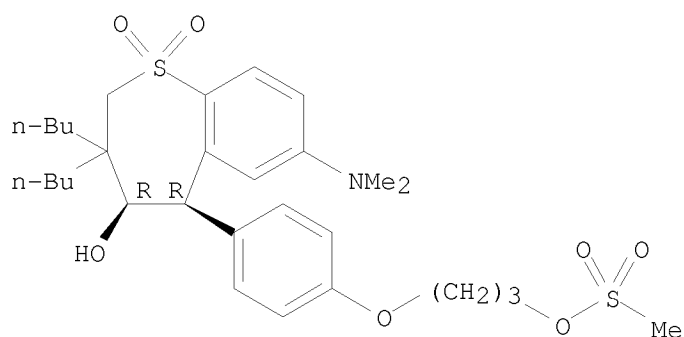
10/590,458



RN 289038-56-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[3-[(methylsulfonyl)oxy]propoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

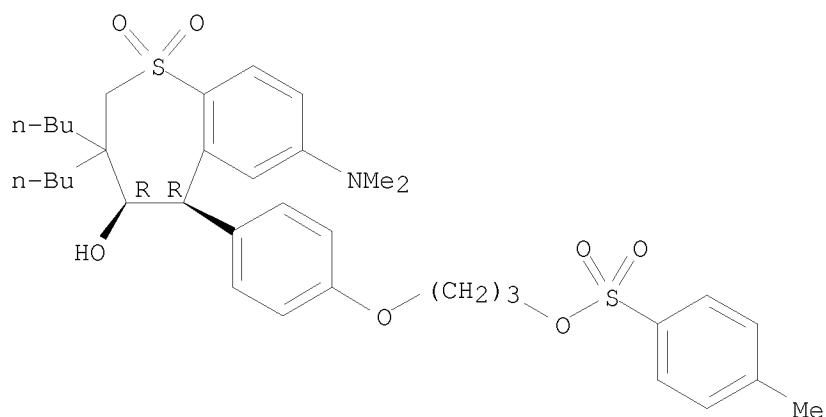


RN 289038-57-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[3-[[4-methylphenyl)sulfonyl]oxy]propoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

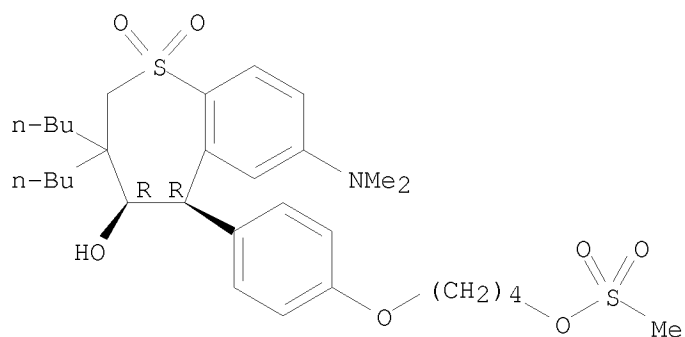
10/590,458



RN 289038-58-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[4-[(methylsulfonyl)oxy]butoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX
NAME)

Absolute stereochemistry.

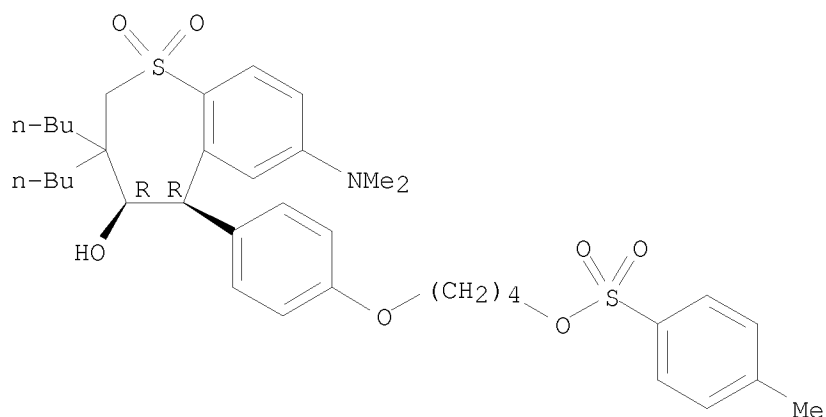


RN 289038-59-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[4-[[4-methylphenyl)sulfonyl]oxy]butoxy]phenyl]-, 1,1-dioxide, (4R,5R)-
(CA INDEX NAME)

Absolute stereochemistry.

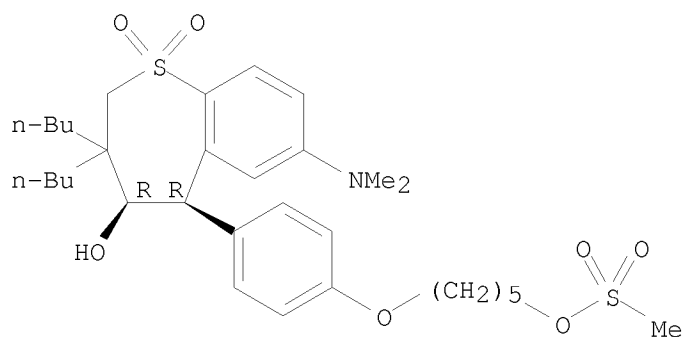
10/590,458



RN 289038-60-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-[(methylsulfonyl)oxy]pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA
INDEX NAME)

Absolute stereochemistry.

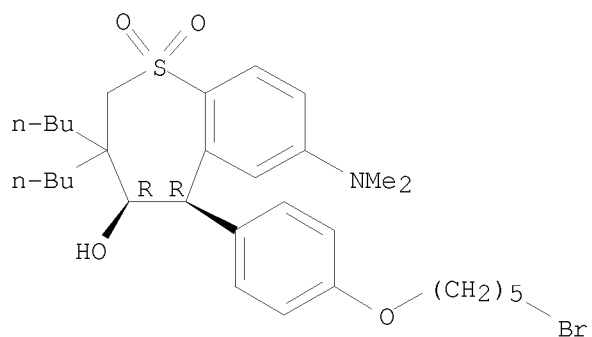


RN 289038-61-5 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-bromopentyl)oxy]phenyl]-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX
NAME)

Absolute stereochemistry. Rotation (+).

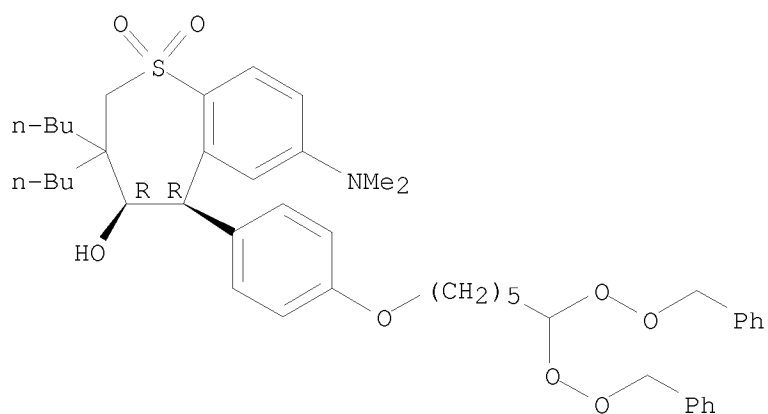
10/590,458



RN 289038-62-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[[6,6-bis[(phenylmethyl)dioxy]hexyl]oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

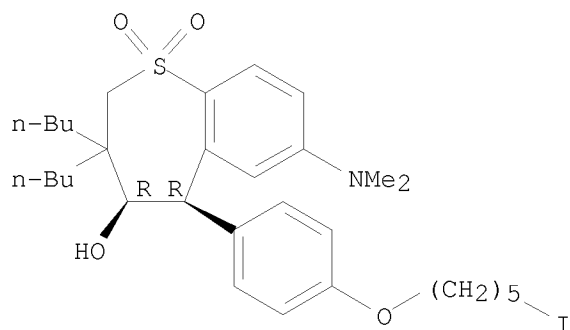
Absolute stereochemistry.



RN 289038-63-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(5-iodopentyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

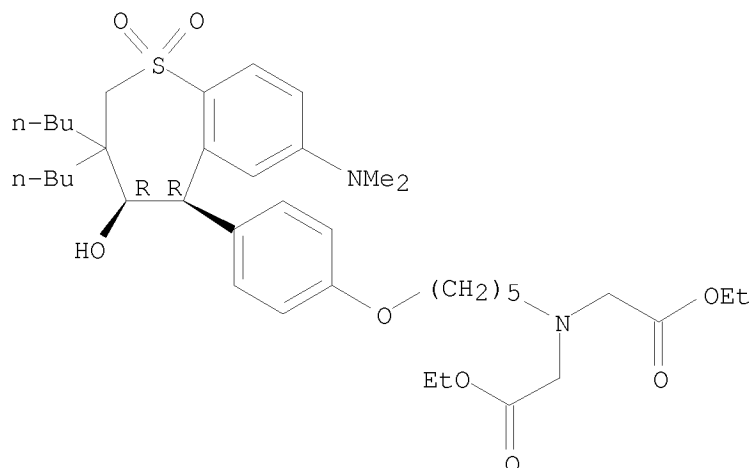


10/590,458

RN 289038-64-8 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

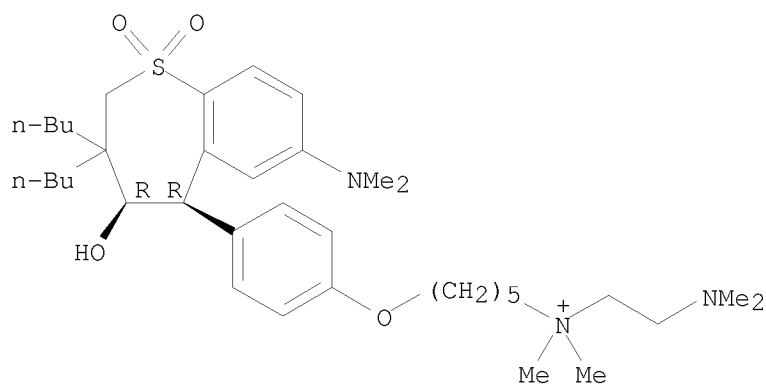
Absolute stereochemistry.



RN 289038-65-9 CAPLUS

CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide (1:1) (CA INDEX NAME)

Absolute stereochemistry.



RN 289038-66-0 CAPLUS

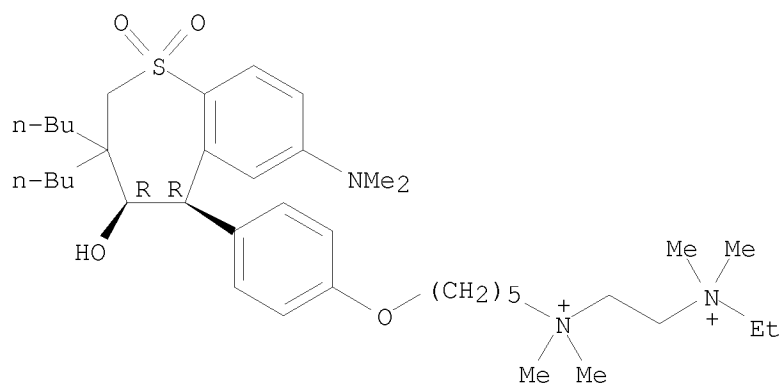
CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, bromide iodide
(1:1:1) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



● Br⁻

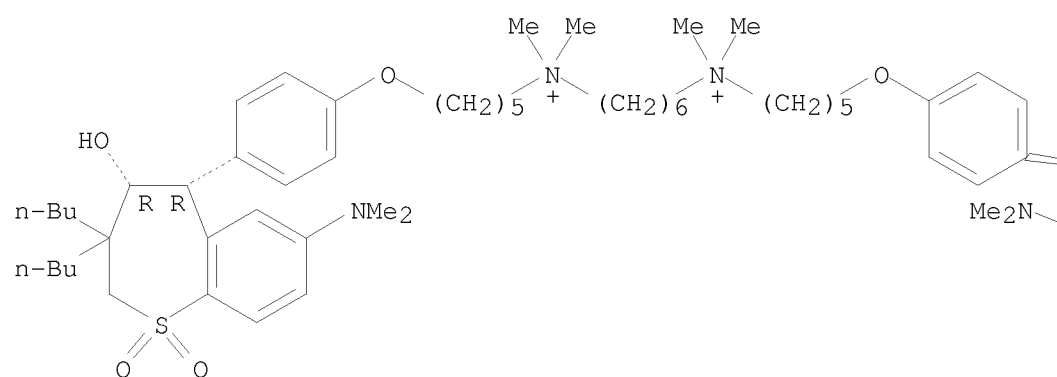
PAGE 2-A

● I⁻

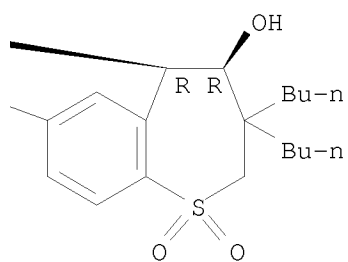
RN 289038-67-1 CAPLUS
CN 1,6-Hexanediinium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl-, bromide (1:2) (CA INDEX
NAME)

Absolute stereochemistry.

PAGE 1-A

● 2 Br⁻

PAGE 1-B

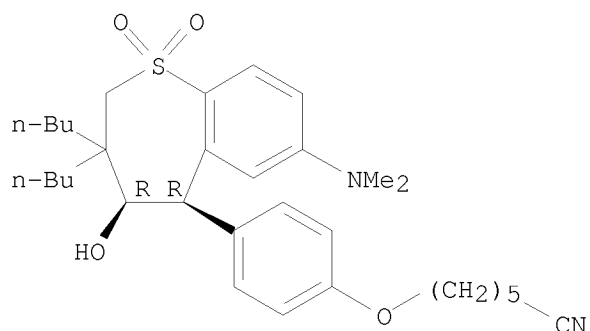


RN 289038-68-2 CAPLUS

CN Hexanenitrile, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

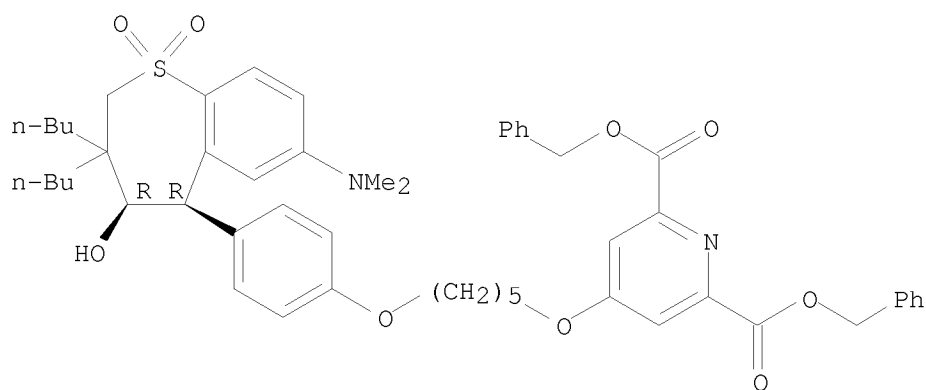
10/590,458



RN 289038-70-6 CAPLUS

CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]oxy]-, 2,6-bis(phenylmethyl) ester (CA INDEX NAME)

Absolute stereochemistry.

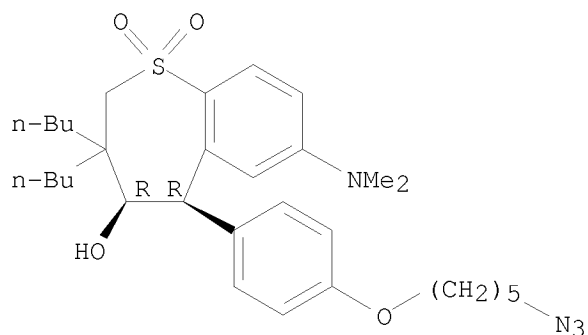


RN 289038-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-azidopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

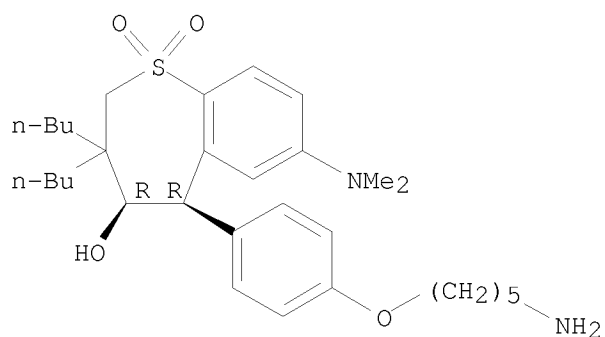
10/590,458



RN 289038-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-aminopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

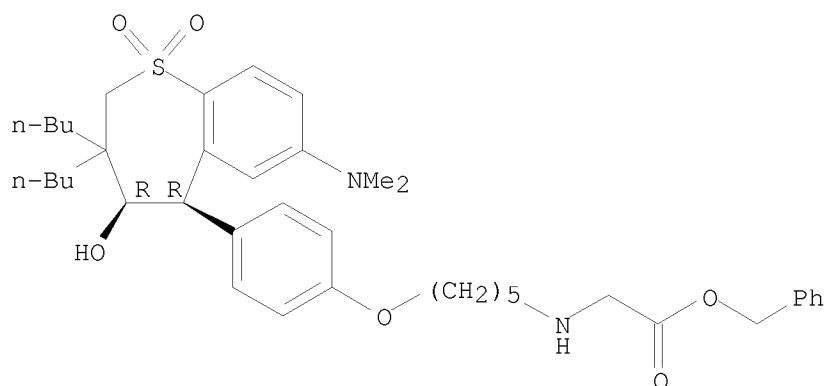


RN 289038-75-1 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

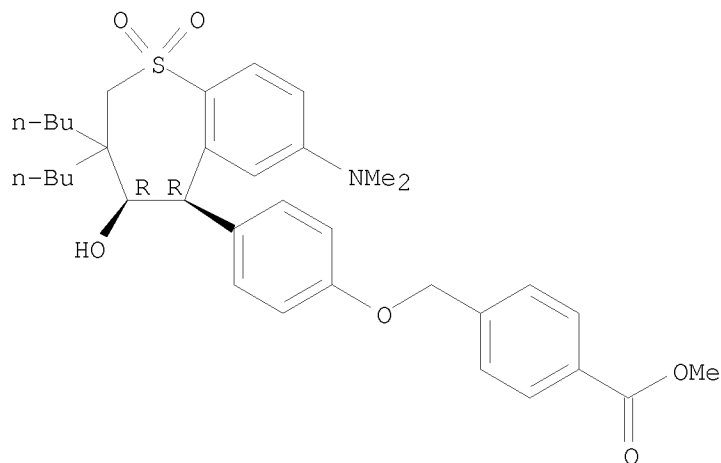
10/590,458



RN 289038-77-3 CAPLUS

CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

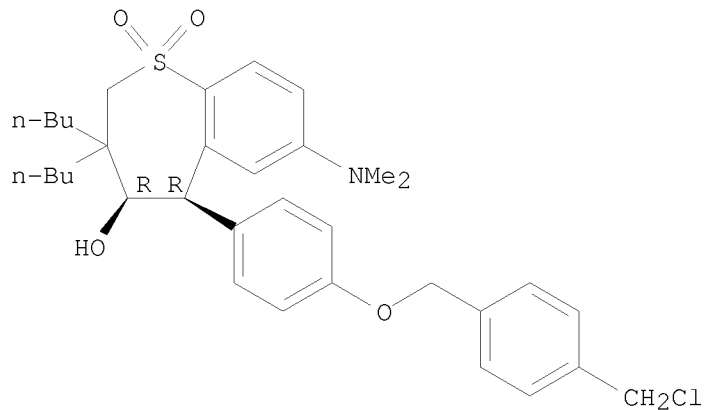


RN 289038-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

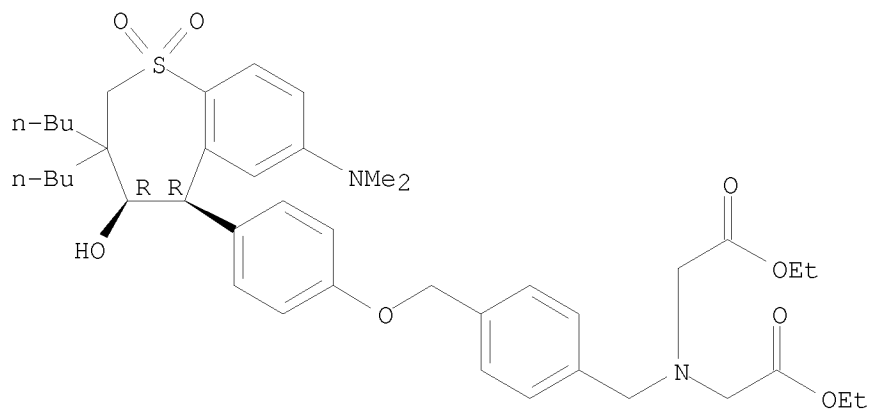
10/590,458



RN 289038-79-5 CAPLUS

CN Glycine, N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

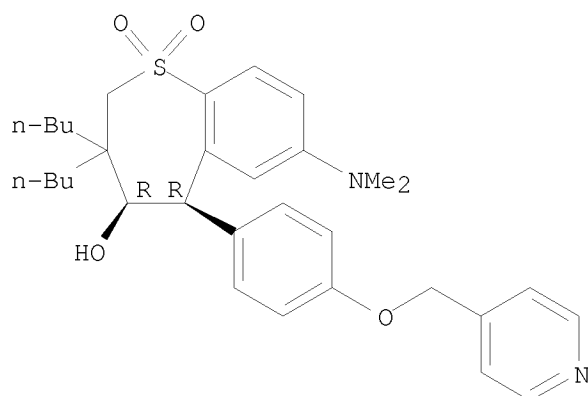


RN 289038-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(4-pyridinylmethoxy)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

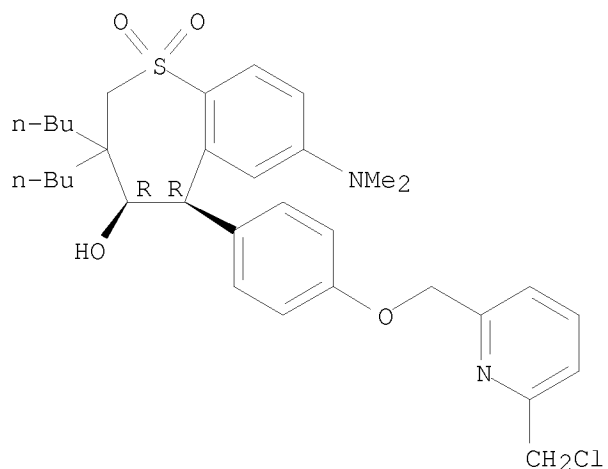
10/590,458



RN 289038-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

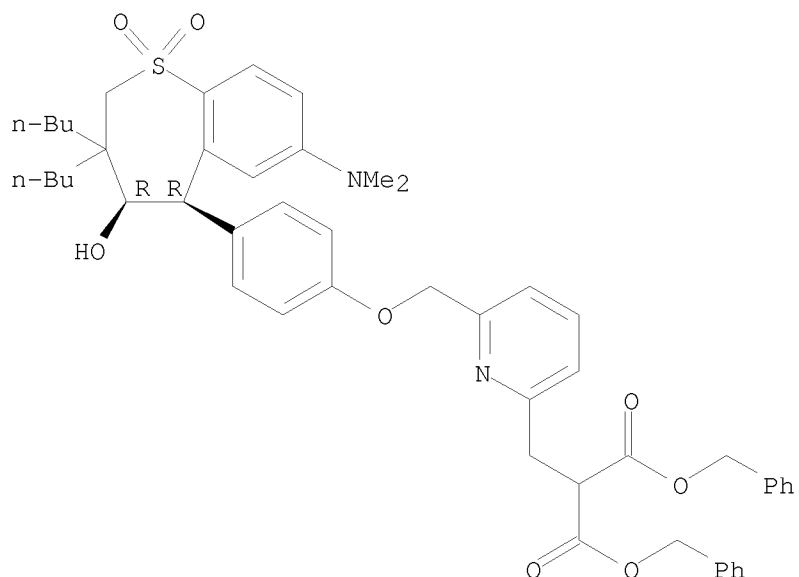


RN 289038-82-0 CAPLUS

CN Propanedioic acid, 2-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-, 1,3-bis(phenylmethyl) ester (CA INDEX NAME)

Absolute stereochemistry.

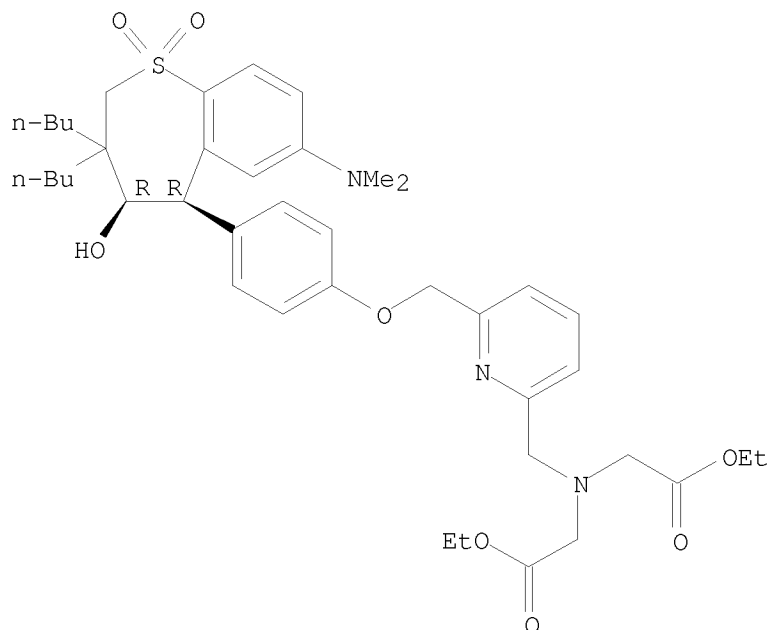
10/590,458



RN 289038-83-1 CAPLUS

CN Glycine, N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



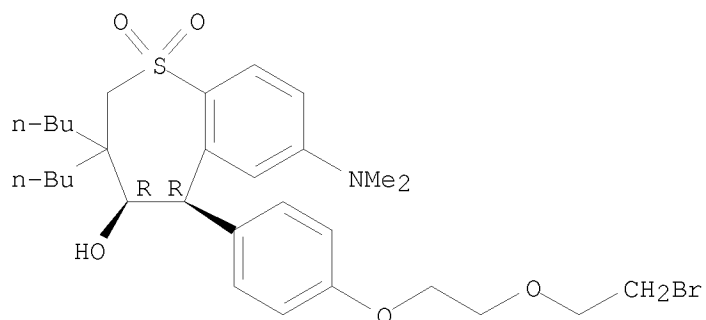
RN 289038-84-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

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NAME)

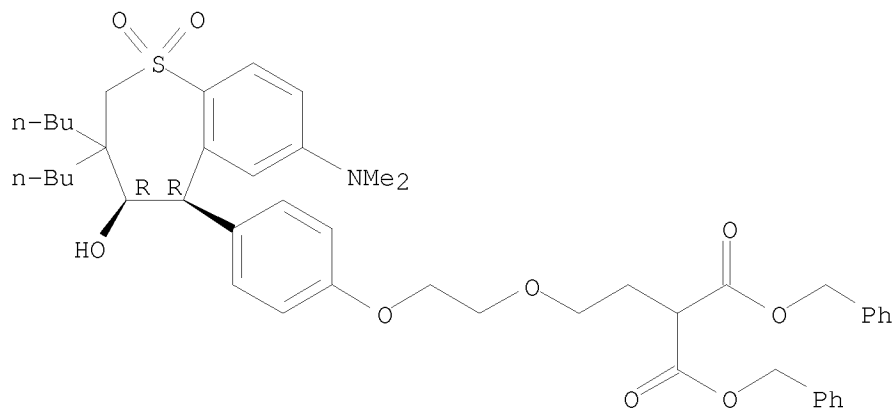
Absolute stereochemistry.



RN 289038-86-4 CAPLUS

CN Propanedioic acid, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, 1,3-bis(phenylmethyl) ester (CA INDEX NAME)

Absolute stereochemistry.



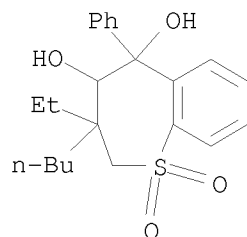
IT 197372-68-2P

RL: BYP (Byproduct); PREP (Preparation)

(preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanal as ileal bile acid transport and taurocholate uptake inhibitors)

RN 197372-68-2 CAPLUS

CN 1-Benzothiepin-4,5-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide (CA INDEX NAME)



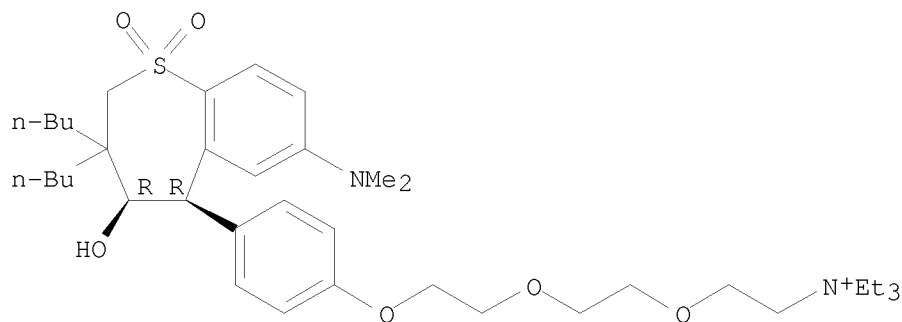
IT 647859-02-7P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of substituted 5-aryl-benzothiepine by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 647859-02-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



IT	197373-53-8P	280105-79-5P	280105-80-8P
	280105-82-0P	280105-83-1P	280105-84-2P
	280105-91-1P	280105-92-2P	280105-94-4P
	280105-98-8P	280106-02-7P	280106-04-9P
	280106-05-0P	280106-06-1P	280106-08-3P
	280106-09-4P	280106-10-7P	280106-11-8P
	280106-12-9P	289039-86-7P	289039-87-8P
	289039-88-9P	289039-90-3P	289039-91-4P
	289039-93-6P	289039-95-8P	289039-96-9P
	289039-97-0P	289039-98-1P	289039-99-2P
	289040-00-2P	289040-01-3P	647859-03-8P
	647859-04-9P	647859-05-0P	647859-06-1P
	647859-07-2P	647859-08-3P	647859-09-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

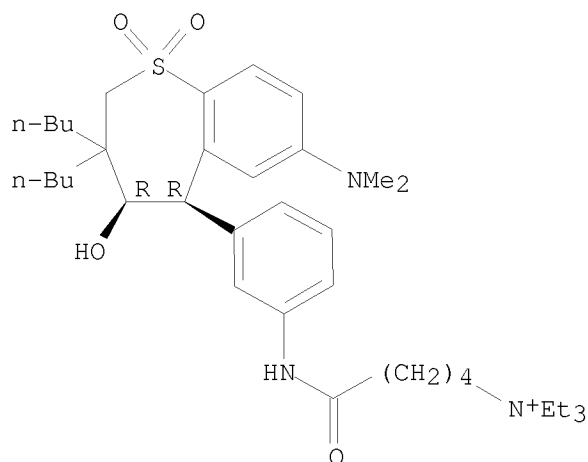
(preparation of substituted 5-aryl-benzothiepine by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

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RN 197373-53-8 CAPLUS

CN 1-Pentanaminium, 5-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, rel- (CA INDEX NAME)

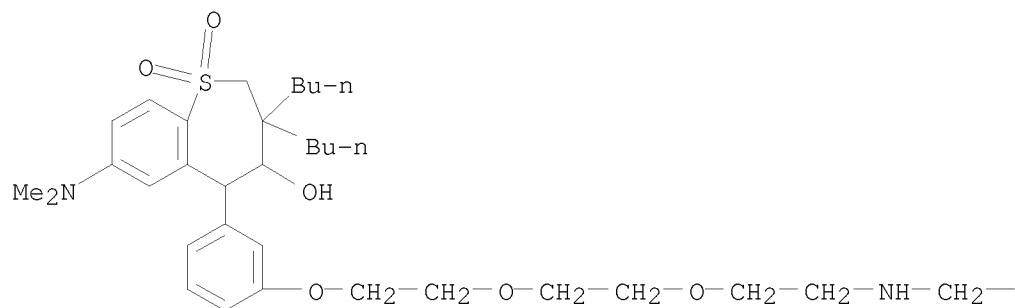
Relative stereochemistry.



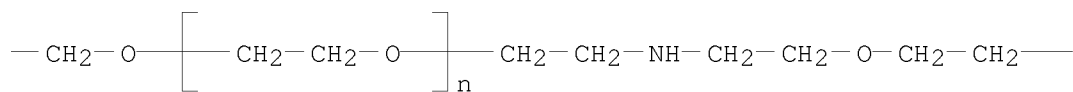
RN 280105-79-5 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[2-[[2-[[2-[[2-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]amino]ethyl]- ω -[2-[[2-[[2-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]amino]ethoxy]-, rel- (9CI) (CA INDEX NAME)

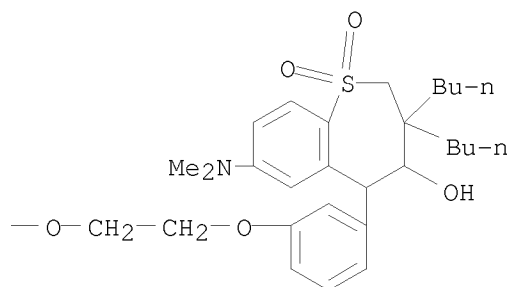
PAGE 1-A



PAGE 1-B



PAGE 1-C

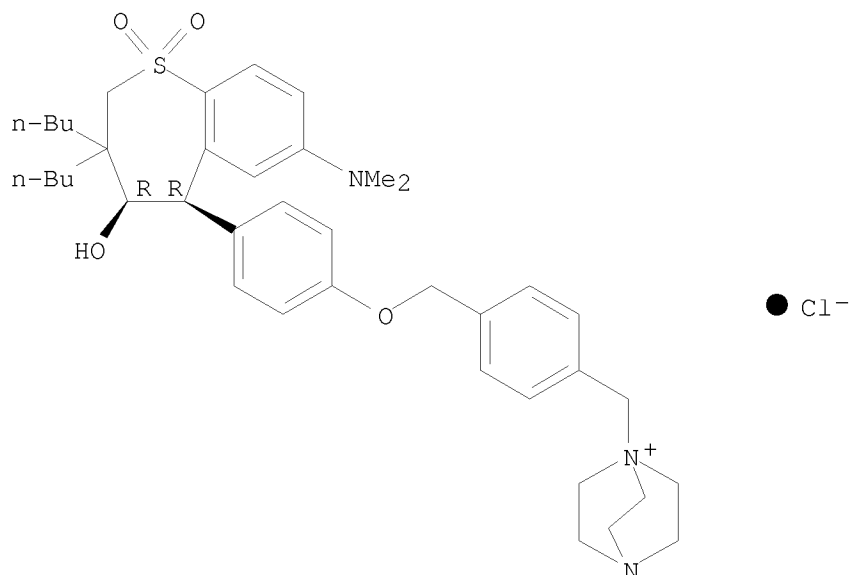


RN 280105-80-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
 chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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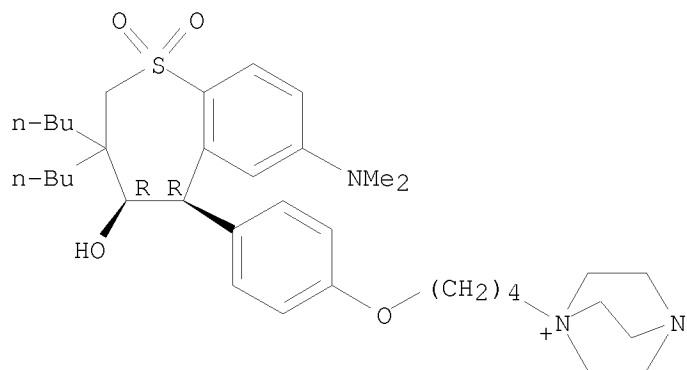


RN 280105-82-0 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, rel-,
methanesulfonate (1:1) (CA INDEX NAME)

CM 1

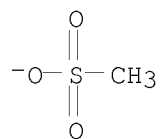
CRN 280105-81-9
CMF C36 H56 N3 O4 S

Relative stereochemistry.



CM 2

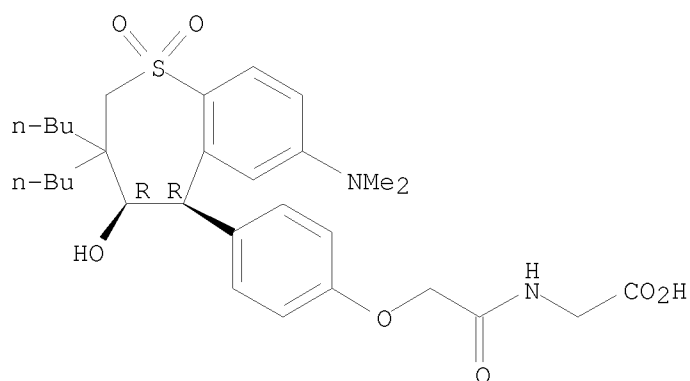
CRN 16053-58-0
CMF C H3 O3 S



RN 280105-83-1 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]-, rel- (9CI) (CA INDEX NAME)

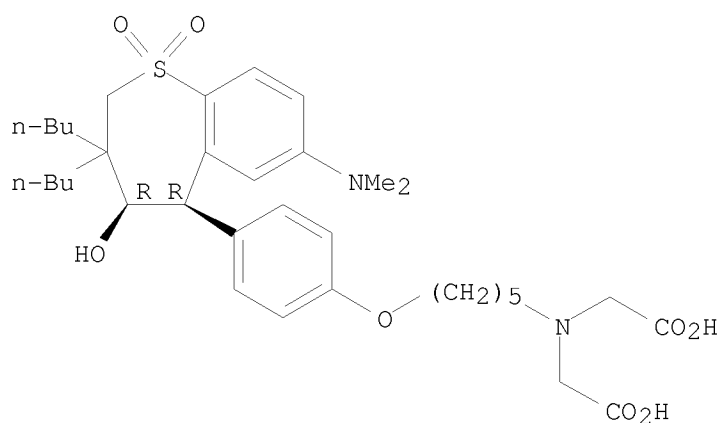
Relative stereochemistry.



RN 280105-84-2 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



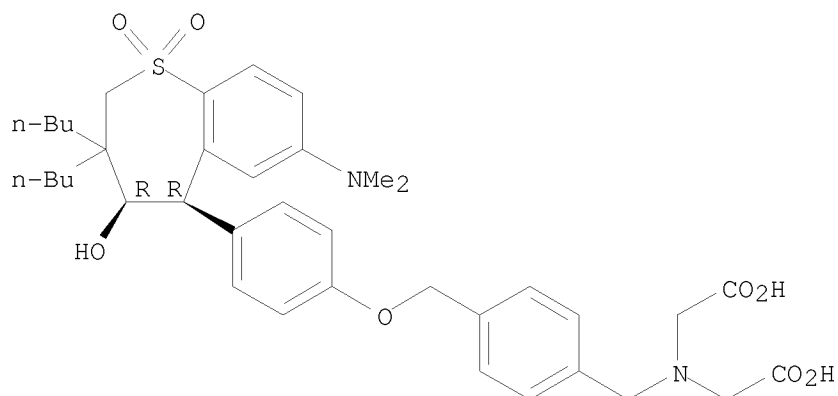
RN 280105-91-1 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

yl]phenoxy)methyl]phenyl)methyl]-, rel- (CA INDEX NAME)

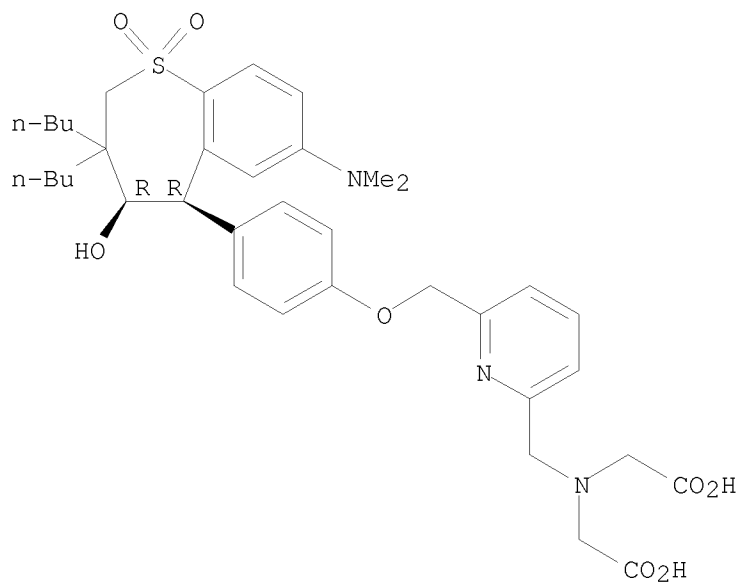
Relative stereochemistry.



RN 280105-92-2 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy)methyl]-2-pyridinyl]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 280105-94-4 CAPLUS

CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy)methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

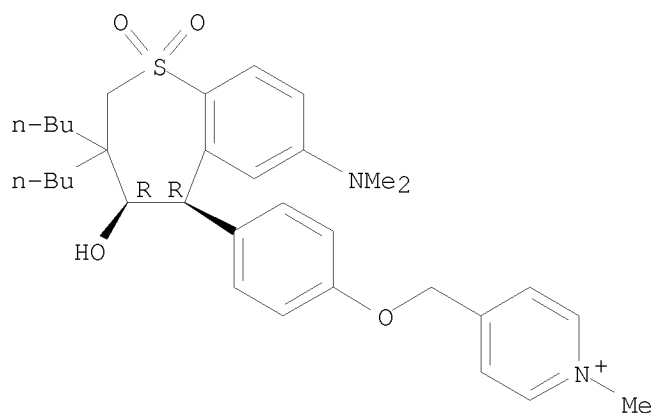
CM 1

CRN 280105-93-3

10/590,458

CMF C33 H45 N2 O4 S

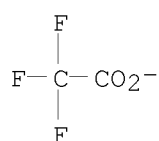
Relative stereochemistry.



CM 2

CRN 14477-72-6

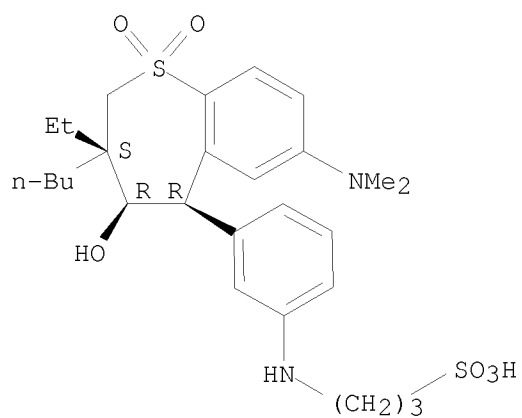
CMF C2 F3 O2



RN 280105-98-8 CAPLUS

CN 1-Propanesulfonic acid, 3-[[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

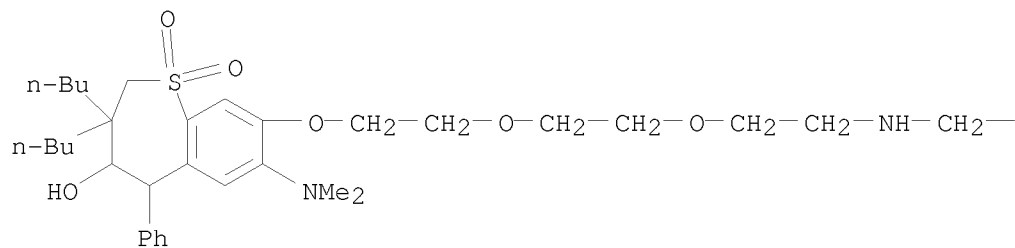
Relative stereochemistry.



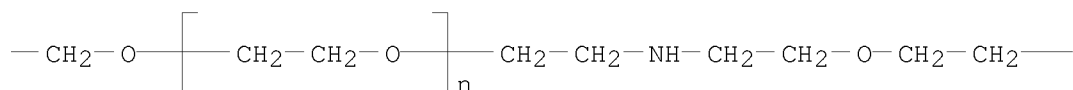
RN 280106-02-7 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[2-[2-[2-[2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]ethyl]amino]ethyl]- ω -[2-[2-[2-[2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]ethyl]amino]ethoxy]-, rel- (9CI) (CA INDEX NAME)

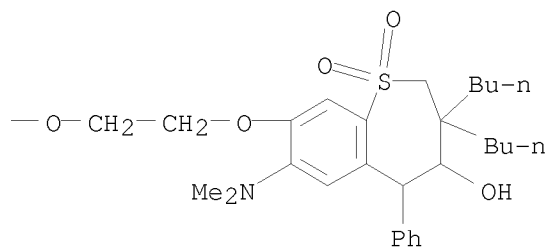
PAGE 1-A



PAGE 1-B



PAGE 1-C

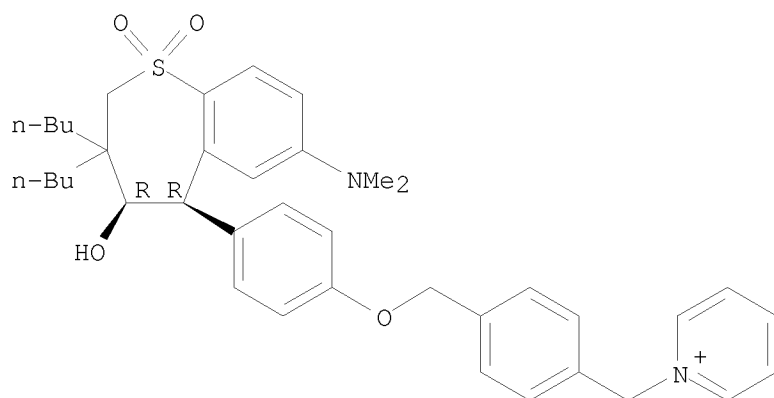


RN 280106-04-9 CAPLUS

CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1), rel- (CA INDEX NAME)

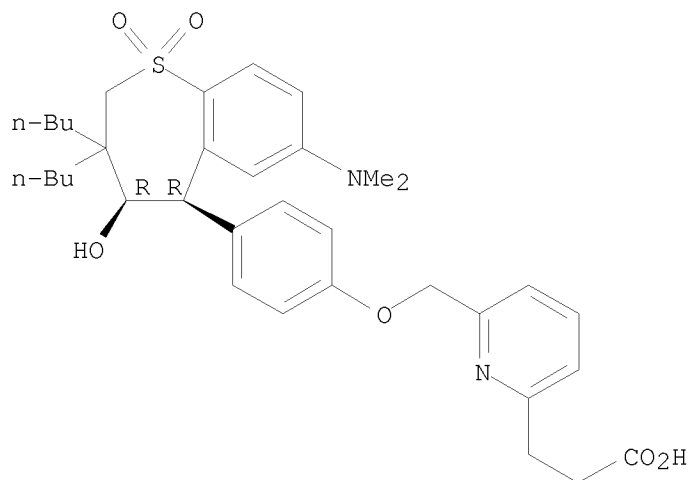
Relative stereochemistry.

10/590,458



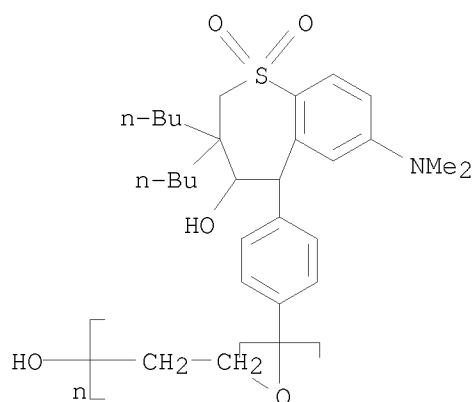
RN 280106-05-0 CAPLUS
CN 2-Pyridinepropanoic acid, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 280106-06-1 CAPLUS
CN Poly(oxy-1,2-ethanediyl), α-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-ω-hydroxy-, rel- (9CI) (CA INDEX NAME)

10/590,458



RN 280106-08-3 CAPLUS

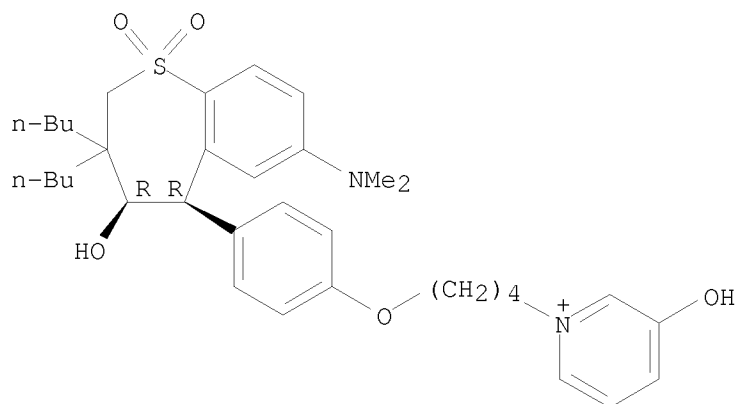
CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-3-hydroxy-, rel-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 280106-07-2

CMF C35 H49 N2 O5 S

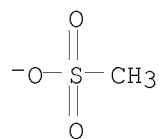
Relative stereochemistry.



CM 2

CRN 16053-58-0

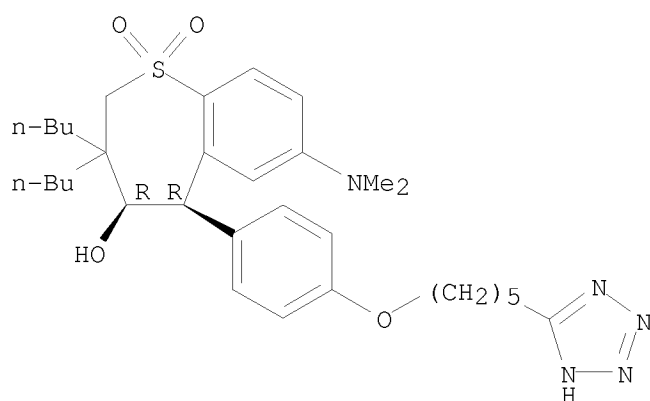
CMF C H3 O3 S



RN 280106-09-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-(2H-tetrazol-5-yl)pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA
INDEX NAME)

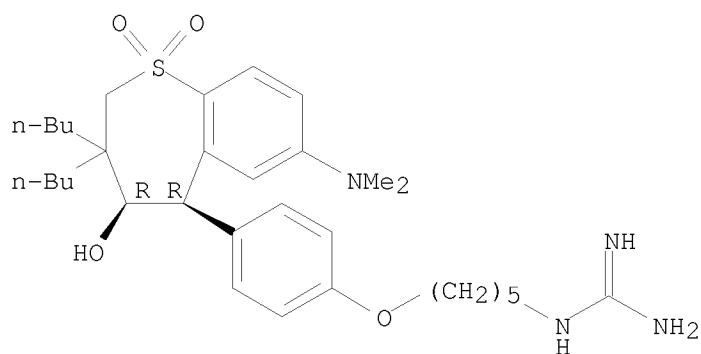
Relative stereochemistry.



RN 280106-10-7 CAPLUS

CN Guanidine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-,
rel- (CA INDEX NAME)

Relative stereochemistry.

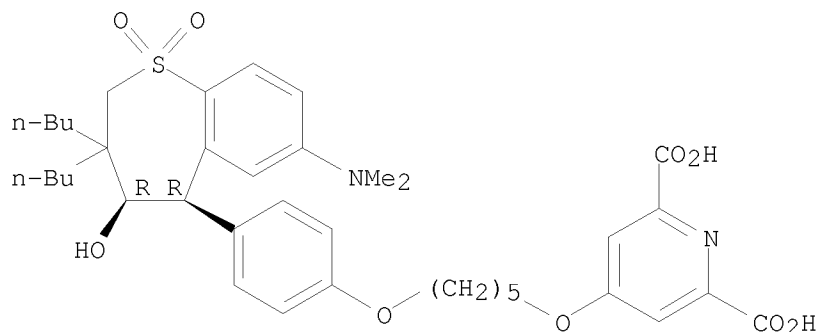


RN 280106-11-8 CAPLUS

CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]pentyl]oxy]-, rel- (CA INDEX NAME)

10/590,458

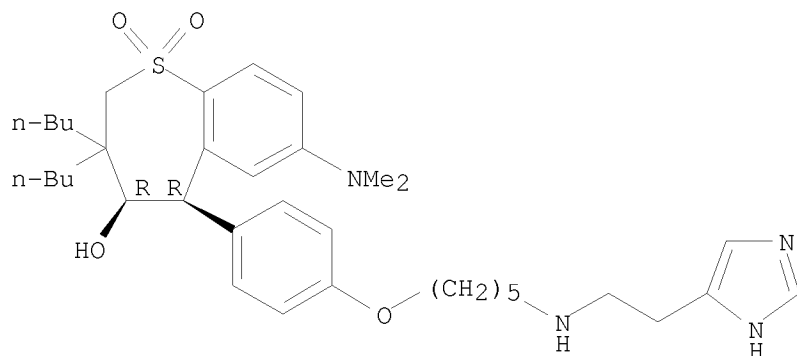
Relative stereochemistry.



RN 280106-12-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-[[2-(1H-imidazol-5-yl)ethyl]amino]pentyl]oxy]phenyl]-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

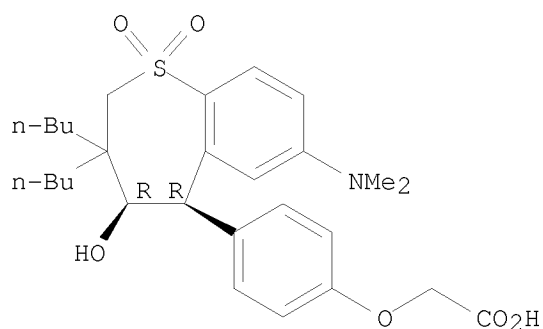


RN 289039-86-7 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (CA
INDEX NAME)

Relative stereochemistry.

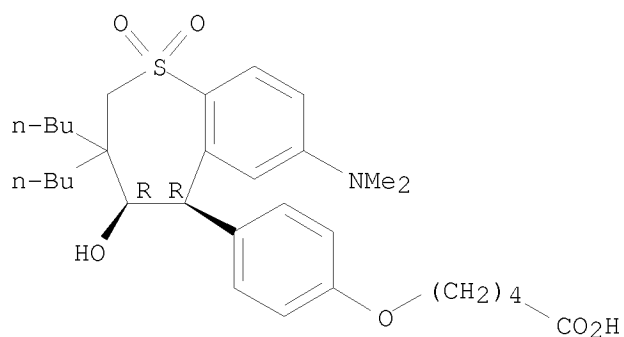
10/590,458



RN 289039-87-8 CAPLUS

CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (CA INDEX NAME)

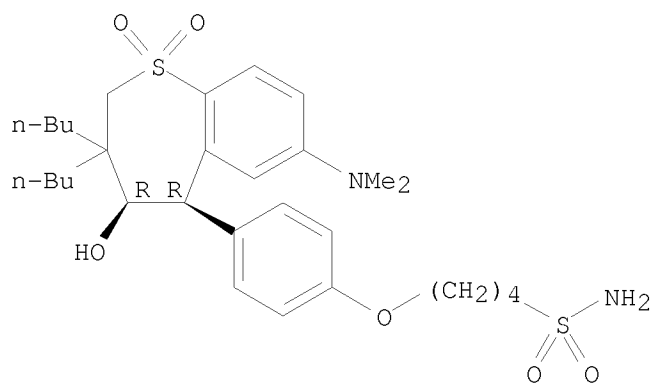
Relative stereochemistry.



RN 289039-88-9 CAPLUS

CN 1-Butanesulfonamide, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (CA INDEX NAME)

Relative stereochemistry.



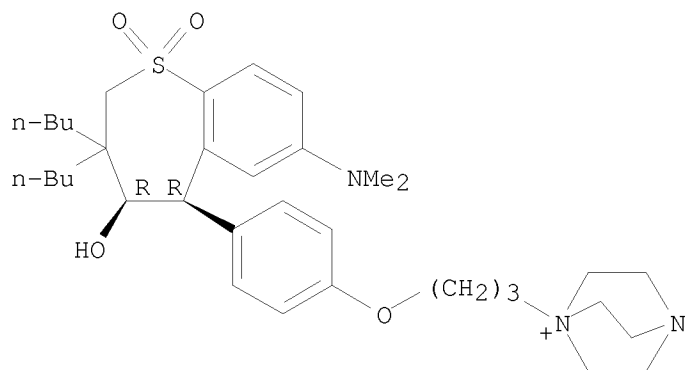
10/590,458

RN 289039-90-3 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, rel-,
methanesulfonate (1:1) (CA INDEX NAME)

CM 1

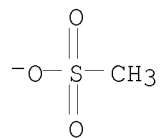
CRN 289039-89-0
CMF C35 H54 N3 O4 S

Relative stereochemistry.



CM 2

CRN 16053-58-0
CMF C H3 O3 S



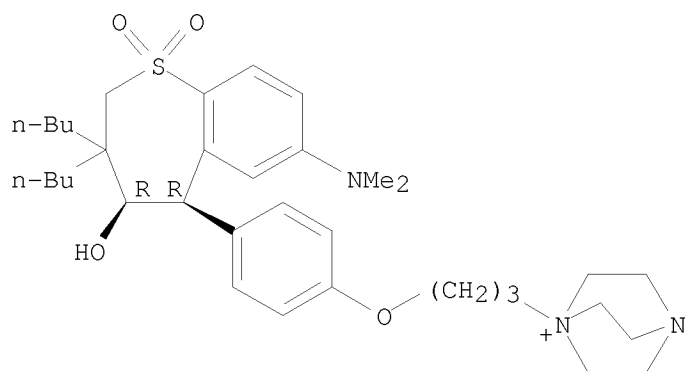
RN 289039-91-4 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, rel-, salt with
4-methylbenzenesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 289039-89-0
CMF C35 H54 N3 O4 S

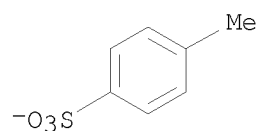
Relative stereochemistry.

10/590,458



CM 2

CRN 16722-51-3
CMF C7 H7 O3 S

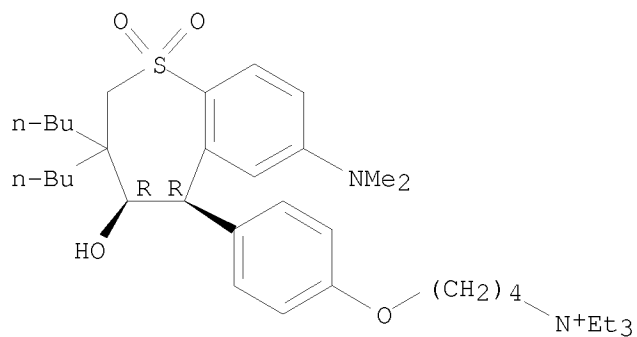


RN 289039-93-6 CAPLUS
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289039-92-5
CMF C36 H59 N2 O4 S

Relative stereochemistry.

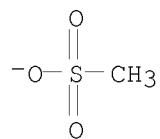


10/590,458

CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289039-95-8 CAPLUS

CN Quinolinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel-, methanesulfonate (1:1) (CA INDEX NAME)

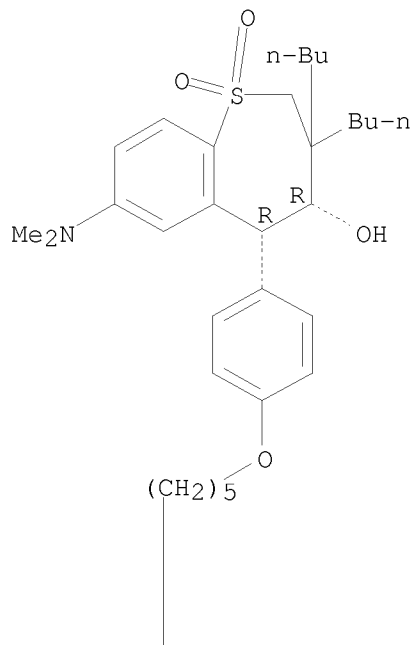
CM 1

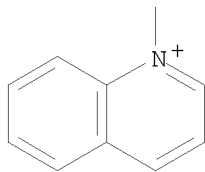
CRN 289039-94-7

CMF C40 H53 N2 O4 S

Relative stereochemistry.

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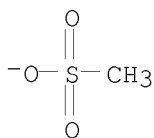




CM 2

CRN 16053-58-0

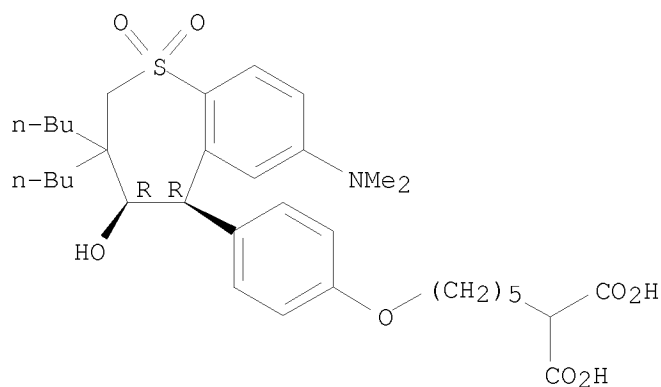
CMF C H3 O3 S



RN 289039-96-9 CAPLUS

CN Propanedioic acid, 2-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

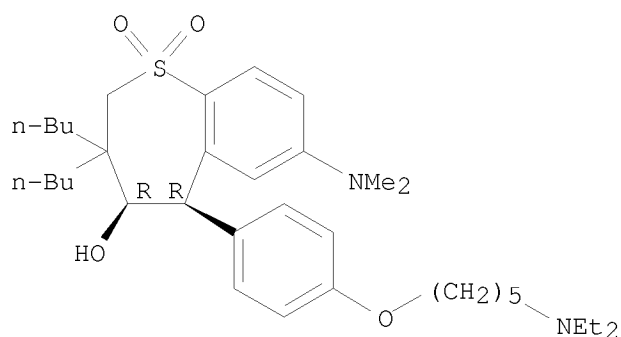


RN 289039-97-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[5-(diethylamino)pentyl]oxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

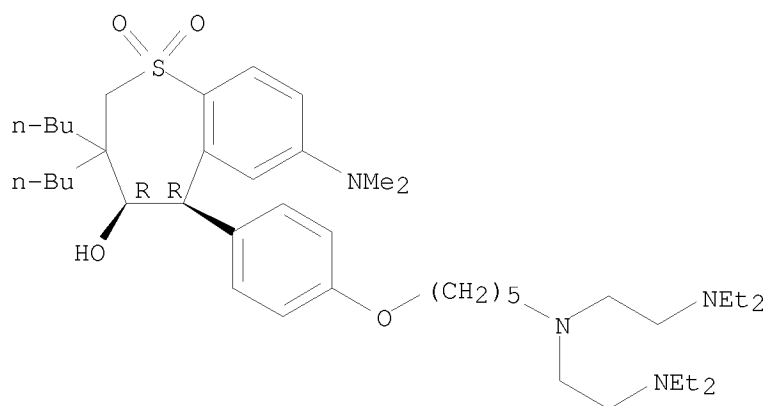
Relative stereochemistry.

10/590,458



RN 289039-98-1 CAPLUS
 CN 1-Benzothiepin-4-ol, 5-[4-[[5-[bis[2-(diethylamino)ethyl]amino]pentyl]oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

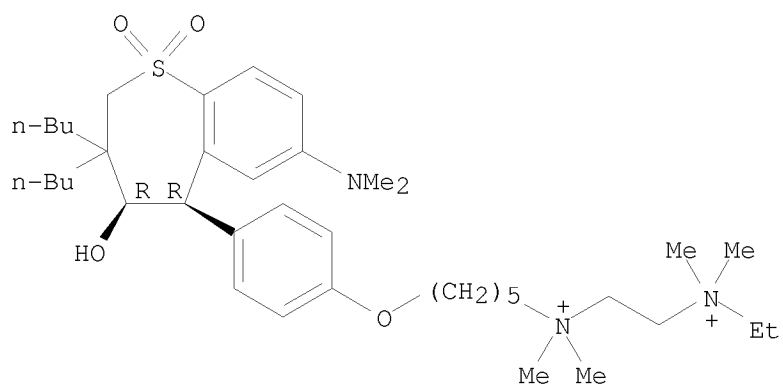
Relative stereochemistry.



RN 289039-99-2 CAPLUS
 CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, chloride (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

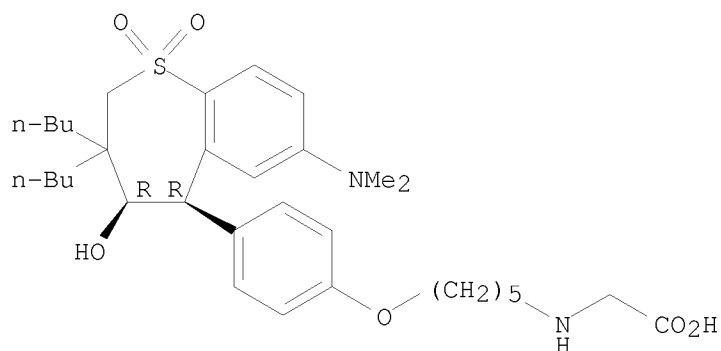


● 2 Cl⁻

RN 289040-00-2 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

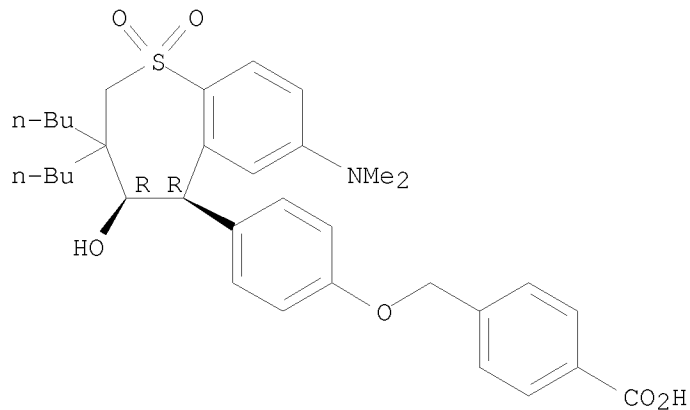


RN 289040-01-3 CAPLUS

CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

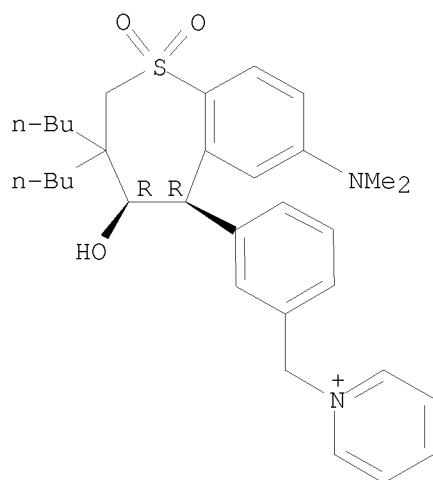
10/590,458



RN 647859-03-8 CAPLUS

CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

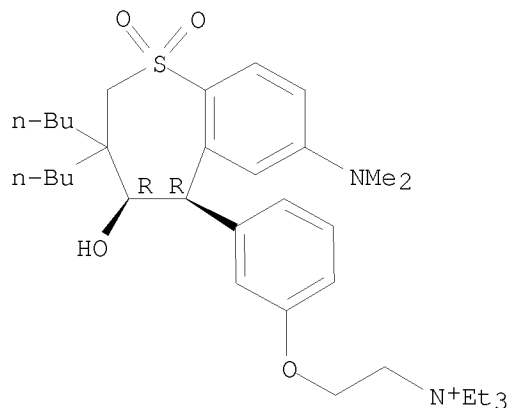


RN 647859-04-9 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

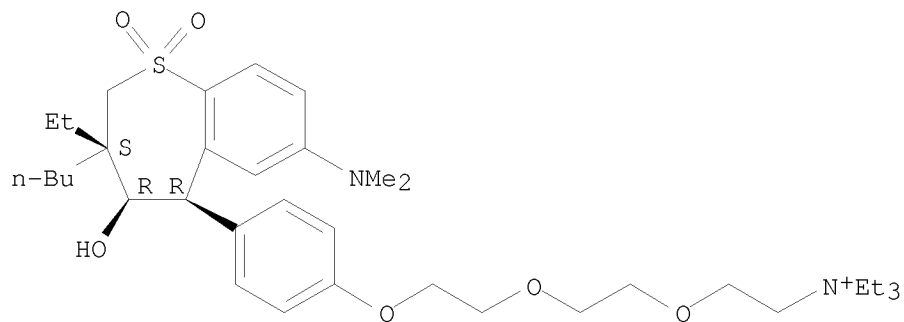
10/590,458



RN 647859-05-0 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

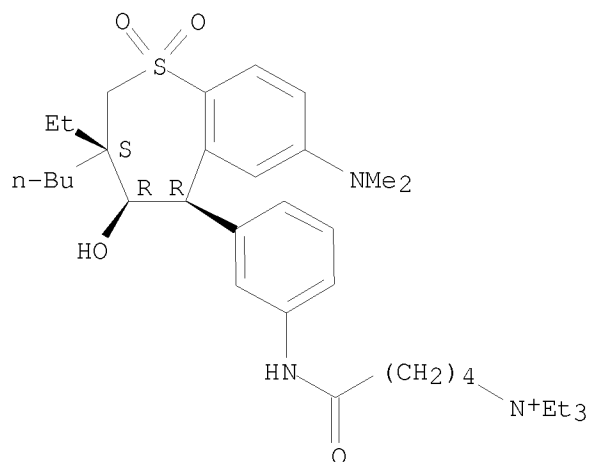


RN 647859-06-1 CAPLUS

CN 1-Pentanaminium, 5-[[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, rel- (CA INDEX NAME)

Relative stereochemistry.

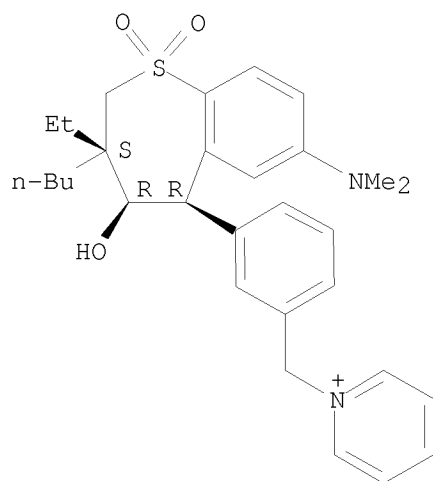
10/590,458



RN 647859-07-2 CAPLUS

CN Pyridinium, 1-[[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, rel- (CA INDEX NAME)

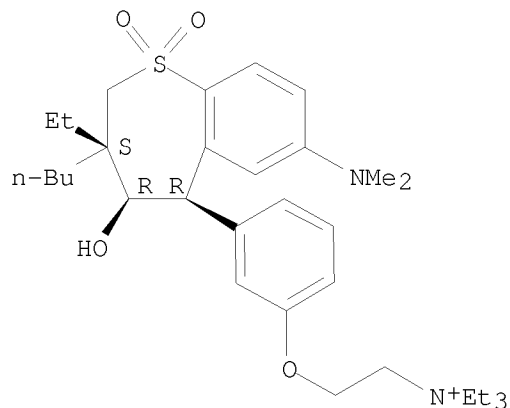
Relative stereochemistry.



RN 647859-08-3 CAPLUS

CN Ethanaminium, 2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

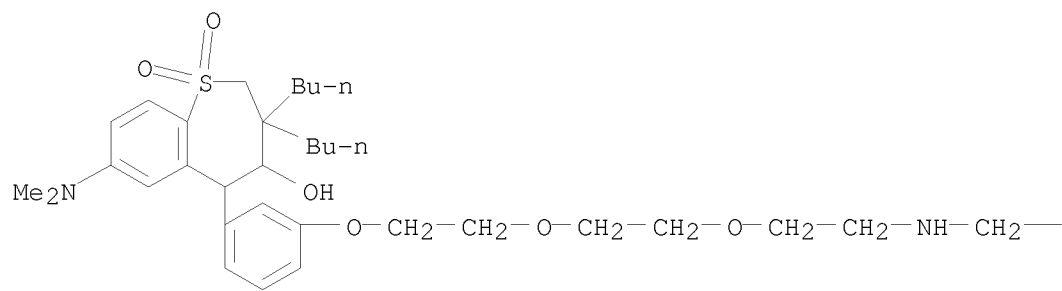
Relative stereochemistry.



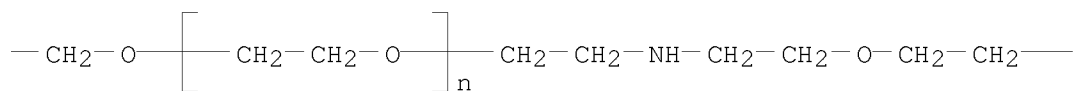
RN 647859-09-4 CAPLUS

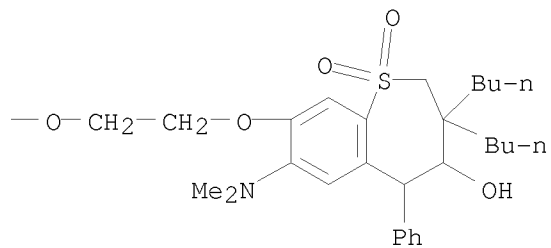
CN Poly(oxy-1,2-ethanediyl), α -[2-[[2-[2-[2-[[4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]ethyl]amino]ethyl]- ω -[2-[[2-[2-[2-[2-[3-[[4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]amino]ethoxy]-, rel- (9CI) (CA INDEX NAME)

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OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(6 CITINGS)
REFERENCE COUNT: 231 THERE ARE 231 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L17 ANSWER 18 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:938456 CAPLUS

DOCUMENT NUMBER: 140:228927

TITLE: SC-435, an ileal apical sodium co-dependent bile acid transporter (ASBT) inhibitor lowers plasma cholesterol and reduces atherosclerosis in guinea pigs

AUTHOR(S): West, Kristy L.; Zern, Tosca L.; Butteiger, Dustie N.; Keller, Bradley T.; Fernandez, Maria Luz

CORPORATE SOURCE: Department of Nutritional Sciences, University of Connecticut, Storrs, CT, 06269, USA

SOURCE: Atherosclerosis (Amsterdam, Netherlands) (2003), 171(2), 201-210

CODEN: ATHSBL; ISSN: 0021-9150

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Male Hartley guinea pigs were randomly allocated to one of four treatments, 10 guinea pigs per group, for 12 wk. The control diet contained no ASBT inhibitor (ASBTi) or simvastatin. Low ASBTi (LowASBTi) and high ASBTi (HighASBTi) were monotherapies containing 0.03 g/100 g and 0.1 g/100 g of the ASBTi SC-435. Combination therapy (COMBO) was a combination therapy consisting of 0.03 g/100 g ASBTi and 0.05 g/100 g simvastatin. Based on food consumption, guinea pigs received 17.2 and 47.8 mg/kg per day ASBTi in the ASBTi groups or 13.7 mg/kg per day ASBTi and 21.4 mg/kg per day simvastatin in the COMBO group. The amount of cholesterol in each diet was 0.25 g/100 g. LDL cholesterol was 40 and 70% lower with the HighASBTi and COMBO treatments compared to controls. Plasma triglycerides (TG) were 70% lower with COMBO therapy while HDL cholesterol was 43-47% higher with all treatments. Hepatic free cholesterol was reduced 60-80% with all treatments. Cholesterol content in the aortic arch was reduced by 25 and 42% in the HighASBTi and COMBO groups. Fecal bile acids were increased by 2.5- and 4-fold with HighASBTi and COMBO treatments. These data suggest that the interruption in the enterohepatic circulation of bile acids by ASBTi and statin co-administration therapy cause a significant reduction in plasma cholesterol concns. and attenuate the progression of atherosclerosis in guinea pigs.

IT 289037-67-8, SC-435

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(SC-435, an ileal apical sodium co-dependent bile acid transporter (ASBT) inhibitor lowers plasma cholesterol and reduces atherosclerosis in guinea pigs)

RN 289037-67-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

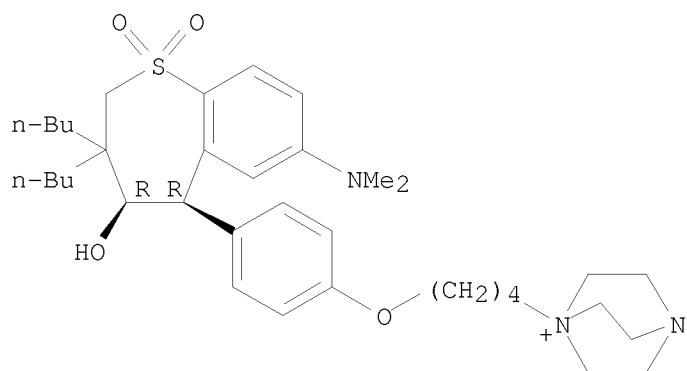
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CRN 289037-66-7

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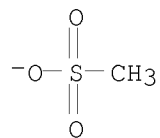
Absolute stereochemistry.

10/590,458



CM 2

CRN 16053-58-0
CMF C H3 O3 S



OS.CITING REF COUNT:	16	THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)
REFERENCE COUNT:	44	THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 19 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:788415 CAPLUS

DOCUMENT NUMBER: 140:139154

TITLE: Inhibition of ileal bile acid transport and reduced atherosclerosis in apoE-/- mice by SC-435

AUTHOR(S): Bhat, B. Ganesh; Rapp, Stephen R.; Beaudry, Judith A.; Napawan, Nida; Butteiger, Dustie N.; Hall, Kerri A.; Null, Christopher L.; Luo, Yi; Keller, Bradley T.

CORPORATE SOURCE: Cardiovascular and Metabolic Diseases Discovery Research, Pfizer Inc., St. Louis, MO, 63167, USA

SOURCE: Journal of Lipid Research (2003), 44(9), 1614-1621

CODEN: JLPRAW; ISSN: 0022-2275

PUBLISHER: American Society for Biochemistry and Molecular Biology, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Blocking intestinal bile acid absorption by inhibiting the apical sodium codependent bile acid transporter (ASBT) is a target for increasing hepatic bile acid synthesis and reducing plasma LDL cholesterol. SC-435 was identified as a potent inhibitor of ASBT (IC₅₀ = 1.5 nM) in cells transfected with the human ASBT gene. Dietary administration of 3 mg/kg to 30 mg/kg SC-435 to apolipoprotein E-/- (apoE-/-) mice increased fecal bile acid excretion by >2.5-fold. In vivo inhibition of ASBT also resulted in significant increases of hepatic mRNA levels for cholesterol 7 α -hydroxylase and HMG-CoA reductase. Administration of 10 mg/kg SC-435 for 12 wk to apoE-/- mice lowered serum total cholesterol by 35% and reduced aortic root lesion area by 65%. Treatment of apoE-/- mice also resulted in decreased expression of ileal bile acid binding protein and hepatic nuclear hormone receptor small heterodimer partner, direct target genes of the farnesoid X receptor (FXR), suggesting a possible role of FXR in SC-435 modulation of cholesterol homeostasis. In dogs, SC-435 treatment reduced serum total cholesterol levels by \leq 12% and, in combination with atorvastatin treatment, caused an addnl. reduction of 25%. These results suggest that specific inhibition of ASBT is a novel therapeutic approach for treatment of hypercholesterolemia resulting in a decreased risk for atherosclerosis.

IT 289037-67-8, SC-435

RL: DMA (Drug mechanism of action); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(inhibition of ileal bile acid transport and reduced atherosclerosis in apoE-/- mice by SC-435)

RN 289037-67-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

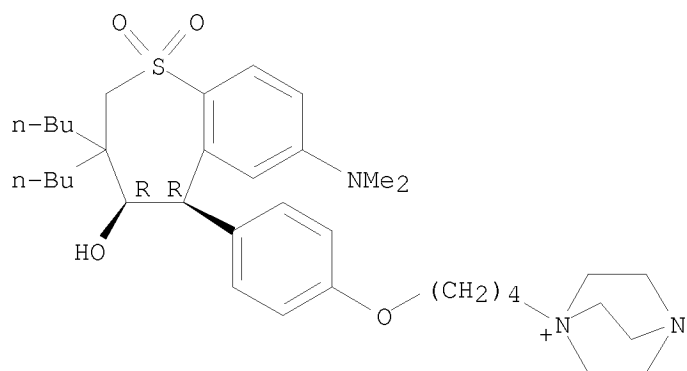
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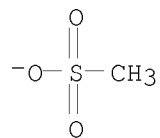
Absolute stereochemistry.

10/590,458



CM 2

CRN 16053-58-0
CMF C H3 O3 S



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REFERENCE COUNT:	39	THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 20 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:430972 CAPLUS

DOCUMENT NUMBER: 139:224179

TITLE: Inhibition of both the apical sodium-dependent bile acid transporter and HMG-CoA reductase markedly enhances the clearance of LDL apoB

AUTHOR(S): Telford, Dawn E.; Edwards, Jane Y.; Lipson, Sara M.; Sutherland, Brian; Barrett, P. Hugh R.; Burnett, John R.; Krul, Elaine S.; Keller, Bradley T.; Huff, Murray W.

CORPORATE SOURCE: Robarts Research Institute and Departments of Medicine and Biochemistry, University of Western Ontario, London, ON, Can.

SOURCE: Journal of Lipid Research (2003), 44(5), 943-952
CODEN: JLPRAW; ISSN: 0022-2275

PUBLISHER: Lipid Research, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Discovery of the ileal apical sodium-dependent bile acid transporter (ASBT) permitted development of specific inhibitors of bile acid resorption, potentially a new class of cholesterol-lowering agents. In the present study, we tested the hypothesis that combining the novel ASBT inhibitor, SC-435, with the HMG-CoA reductase inhibitor, atorvastatin, would potentiate redns. in LDL cholesterol (LDL-C) and LDL apolipoprotein B (apoB). ApoB kinetic studies were performed in miniature pigs fed a typical human diet and treated with the combination of SC-435 (5 mg/kg/day) plus atorvastatin (3 mg/kg/day) (SC-435+A) or a placebo. SC-435+A decreased plasma total cholesterol by 23% and LDL-C by 40%. Multicompartmental anal. (SAAM II) demonstrated that LDL apoB significantly decreased by 35% due primarily to a 45% increase in the LDL apoB fractional catabolic rate (FCR). SC-435+A significantly decreased hepatic concns. of free cholesterol and cholesteryl ester, and increased hepatic LDL receptor mRNA consequent to increased cholesterol 7 α -hydroxylase expression and activity. In comparison, SC-435 (10 mg/kg/day) monotherapy decreased LDL apoB by 10% due entirely to an 18% increase in LDL apoB FCR, whereas atorvastatin monotherapy (3 mg/kg/day) decreased LDL apoB by 30% due primarily to a 22% reduction in LDL apoB production

We conclude that SC-435+A potentiates the reduction of LDL-C and LDL apoB due to complementary mechanisms of action.

IT 289037-67-8, SC 435

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(inhibition of both the apical sodium-dependent bile acid transporter and HMG-CoA reductase markedly enhances the clearance of LDL apoB)

RN 289037-67-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

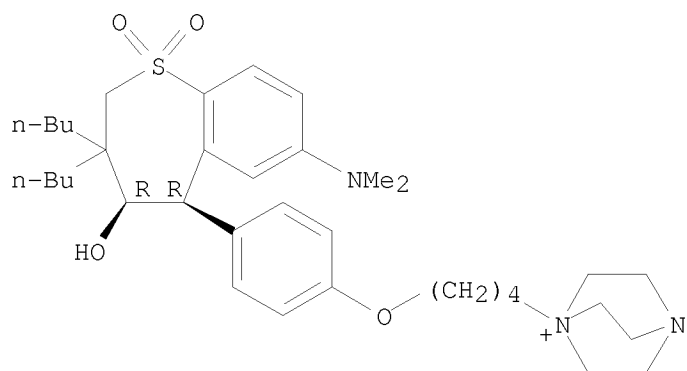
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CRN 289037-66-7

CMF C36 H56 N3 O4 S

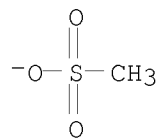
Absolute stereochemistry.

10/590,458



CM 2

CRN 16053-58-0
CMF C H3 O3 S



OS.CITING REF COUNT:	16	THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
REFERENCE COUNT:	41	THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 21 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:376848 CAPLUS

DOCUMENT NUMBER: 138:385315

TITLE: Mono- and di-fluorinated benzothiepinines as inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions and methods for preparation

INVENTOR(S): Koeller, Kevin J.; Tremont, Samuel J.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 589 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

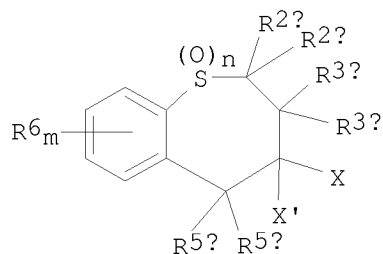
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PATENT INFORMATION:

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BR 2002013501	A	20040824	BR 2002-13501	20021104
EP 1448546	A1	20040825	EP 2002-778711	20021104
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PRIORITY APPLN. INFO.:			US 2001-330892P	P 20011102
			US 2002-286987	A3 20021104
			WO 2002-US35257	W 20021104

OTHER SOURCE(S): MARPAT 138:385315

GI



I

AB Mono-fluorinated and di-fluorinated benzothiepine apical Na co-dependent bile acid transport (ASBT) inhibitors (shown as I; variables defined below; no specific examples are included) are disclosed together with methods of making the same, methods of using the same to treat hyperlipidemic conditions as well as pharmaceutical compns. containing the same compds. For I: X = F, X' = H, F; n = 0-2; m = 0-4; R2A and R2B = H and hydrocarbyl; R3A, R3B, R5A, and R5B = H, alkyl, cycloalkyl, alkenyl, alkynyl, heterocyclyl, quaternary heterocyclyl, oxo, aryl-R5, -OR9, -NR9R10, -SR9, -S(O)R9, -SO2R9, and -SO3R9; R9 and R10 = H, hydrocarbyl, amino, and hydrocarbylamino. R5 = H, hydrocarbyl, heterocyclyl, quaternary heterocyclyl, -OR9, -SR9, -S(O)R9, -SO2R9, and -SO3R9; ≥ 1 R6 radicals = H, halogen, -CN, -NO2, hydrocarbyl, -R5, -OR13, -NR13R14, -SR13, -S(O)R13, -S(O)2R13, -SO3R13, -S+R3R14A-, -NR13OR14, -NR13NR14R15, -OM, -SO2OM, -SO2NR13R14, -NR14C(O)R13, -C(O)OM, -S(O)NR13R14, -N+R13R14R15A-, -PR13R14, -P(O)R13R4, -P+R13R14R15A-, amino acid residue, peptide residue, polypeptide residue, and carbohydrate residue; addnl. details are given in the claims. I (X = X' = F) are claimed to be preparable from the 4-oxo analog and diethylaminosulfur trifluoride; I (X = F; X' = H) are claimed preparable from the 4-hydroxy analog and diethylaminosulfur trifluoride. Hundreds of example preps. of precursors to I are included, but none of I; most of the example preps. have appeared in earlier patents (e.g. WO 98/40375). Biol. testing procedures are described but no test results are reported except for the statement that a polyethylene glycol-functionalized benzothiepine (4500 MW; a 4-hydroxy analog of I) inhibited ileal bile acid transport-mediated uptake of ¹⁴C-taurocholate in H14 cells.

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RL: PRPH (Prophetic)

(Mono- and di-fluorinated benzothiepinines as inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions and methods for preparation)

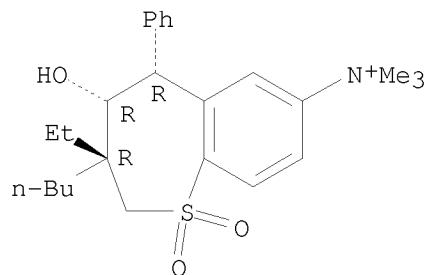
RN 197372-89-7 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-

10/590,458

N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4R,5R)-rel- (9CI) (CA INDEX NAME)

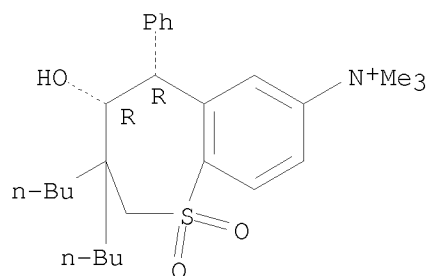
Relative stereochemistry.



RN 197375-39-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

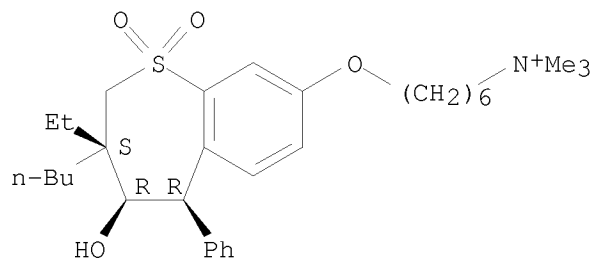


RN 213312-80-2 CAPLUS

CN 1-Hexanaminium, 6-[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

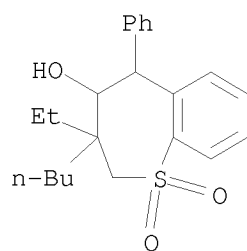
Relative stereochemistry.

10/590,458



RN 289037-53-2 CAPLUS

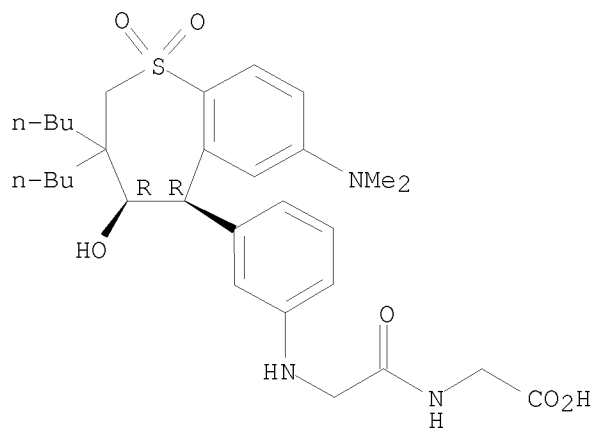
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide (CA INDEX NAME)



RN 865594-09-8 CAPLUS

CN Glycine, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]glycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

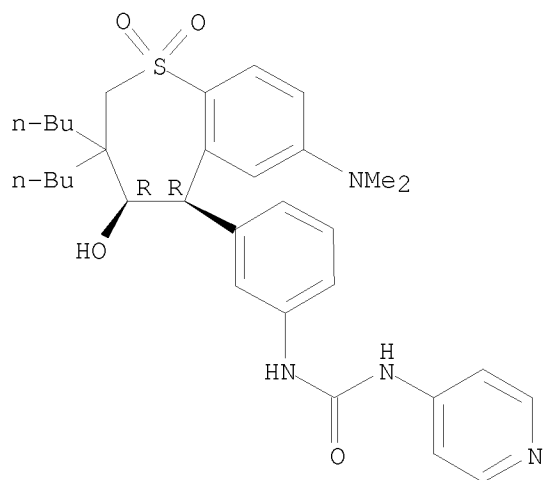


RN 1064153-56-5 CAPLUS

10/590,458

CN INDEX NAME NOT YET ASSIGNED

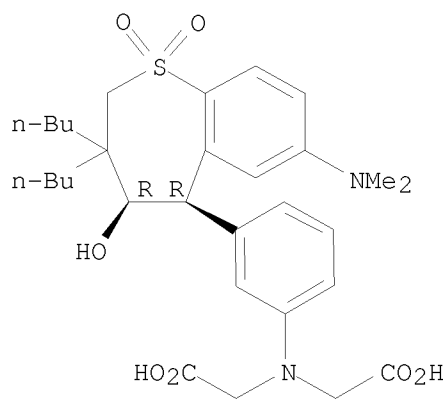
Absolute stereochemistry.



RN 1064153-57-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

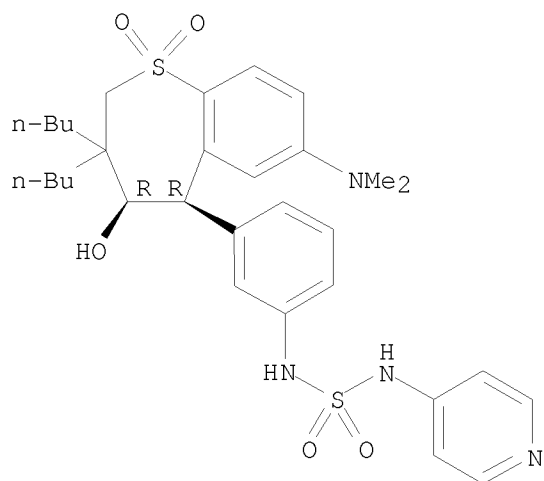


RN 1064153-59-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

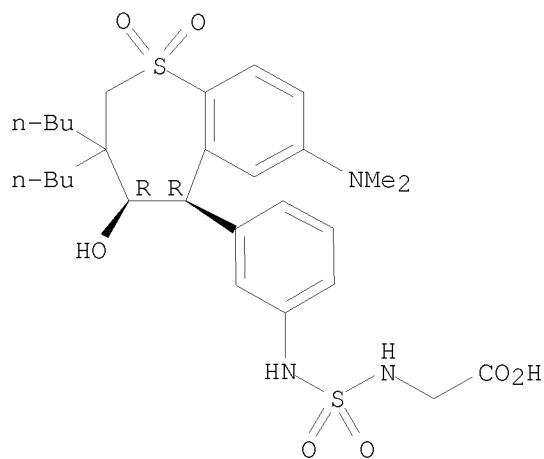
Absolute stereochemistry.

10/590,458



RN 1064153-60-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

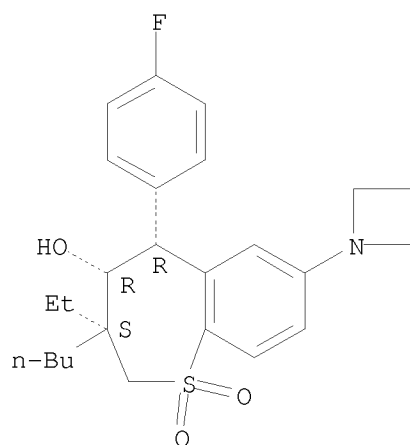
Absolute stereochemistry.



RN 1064153-61-2 CAPLUS
CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-
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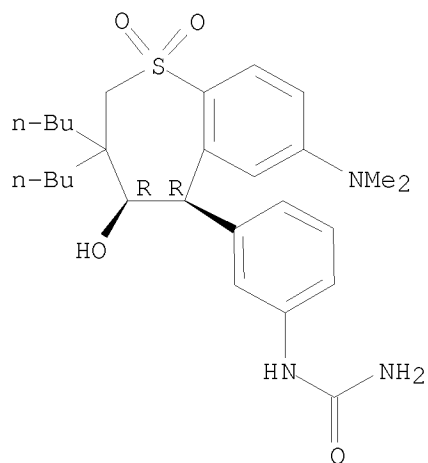
Absolute stereochemistry.

10/590,458



RN 1064154-34-2 CAPLUS
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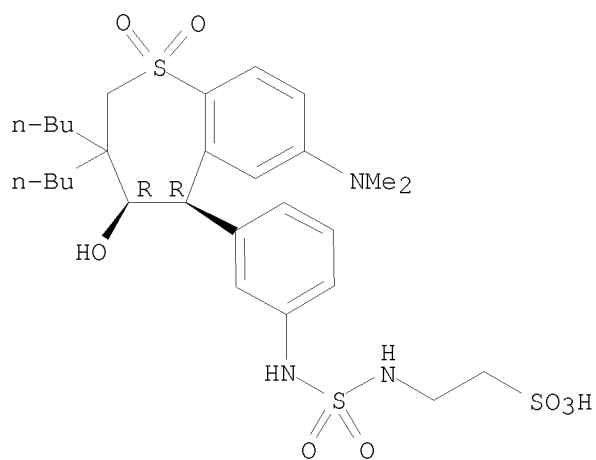
Absolute stereochemistry.



RN 1064154-35-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

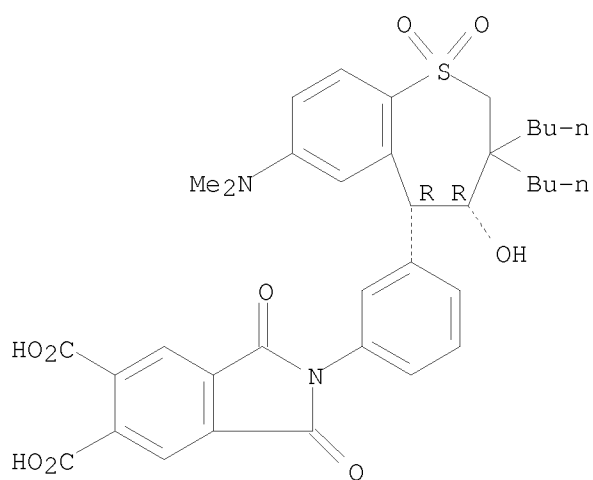
Absolute stereochemistry.

10/590,458



RN 1064154-36-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

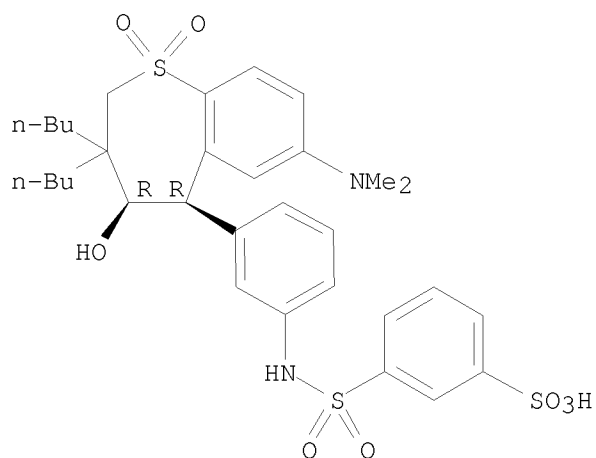
Absolute stereochemistry.



RN 1064154-37-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

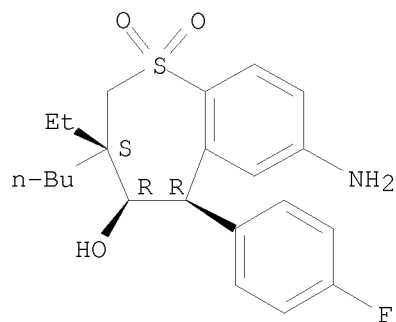
10/590,458



RN 1064154-40-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

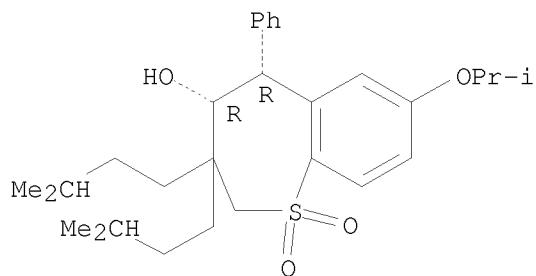
Absolute stereochemistry.



RN 1064581-89-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

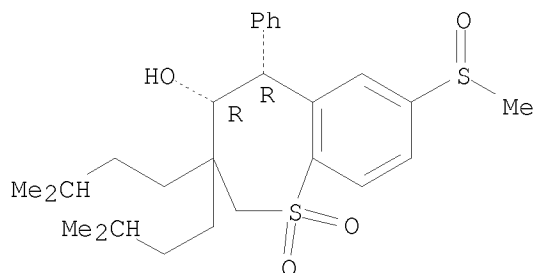


RN 1064581-90-3 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

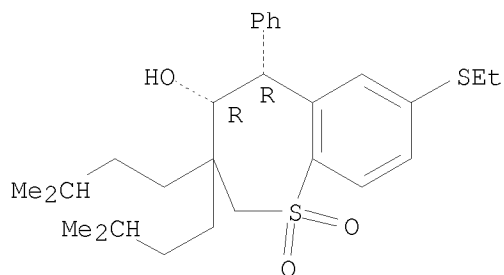
Absolute stereochemistry.



RN 1064581-91-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

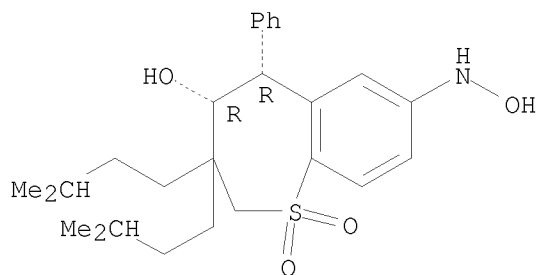
Absolute stereochemistry.



RN 1064581-92-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(hydroxyamino)-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

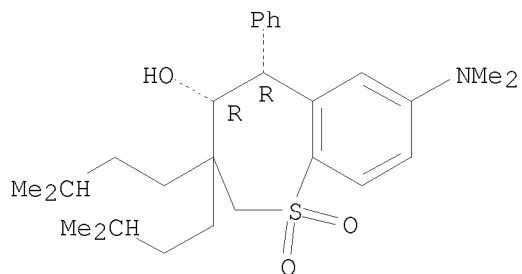


RN 1064581-93-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

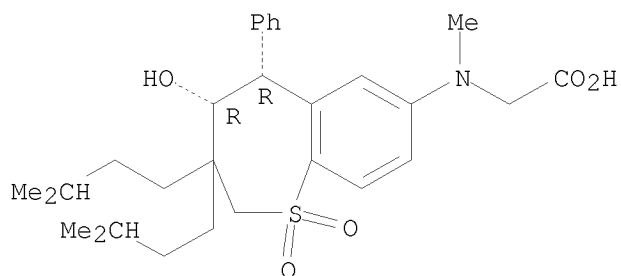
10/590,458

Absolute stereochemistry.



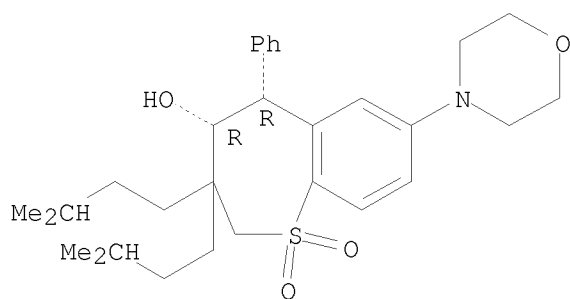
RN 1064581-94-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064581-95-8 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

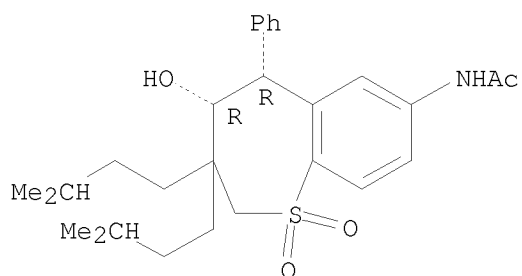
Absolute stereochemistry.



RN 1064581-96-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

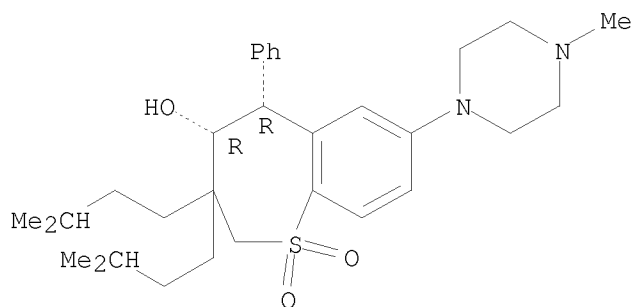
10/590,458



RN 1064581-97-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

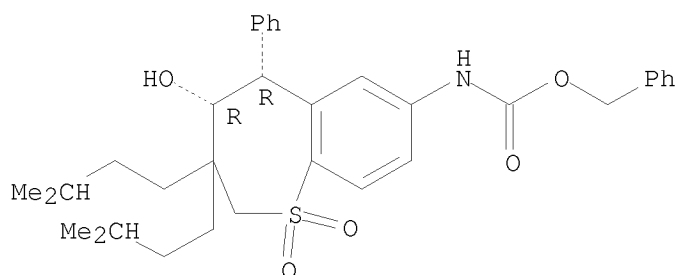
Absolute stereochemistry.



RN 1064581-98-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

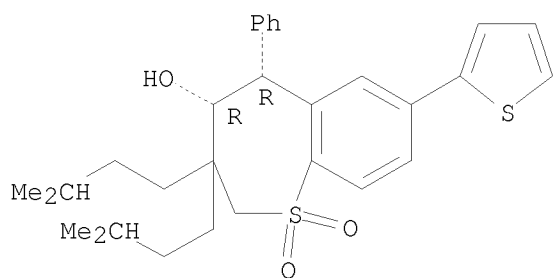


RN 1064581-99-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

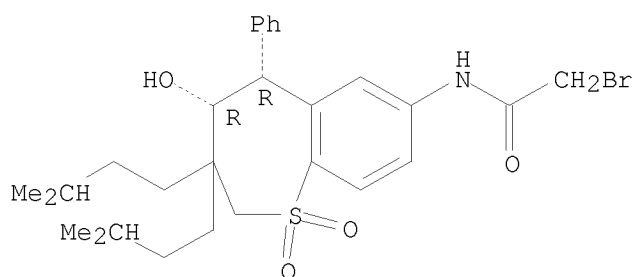
Absolute stereochemistry.

10/590,458



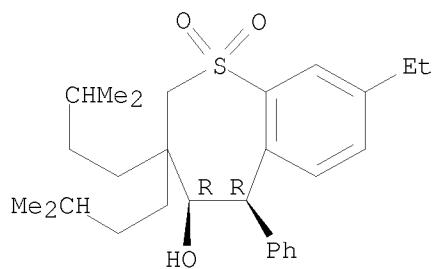
RN 1064582-00-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064582-01-9 CAPLUS
CN 1-Benzothiepin-4-ol, 8-ethyl-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

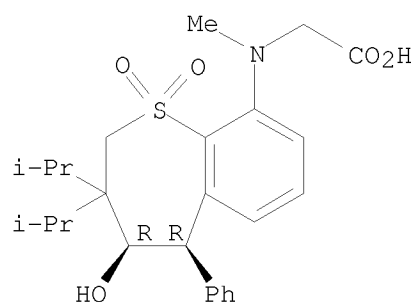
Absolute stereochemistry.



RN 1064582-02-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

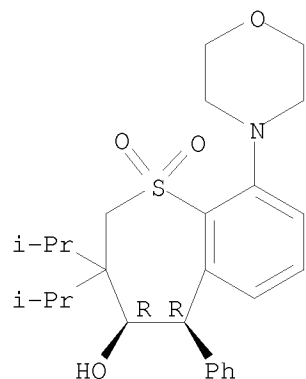
10/590,458



RN 1064582-03-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-9-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

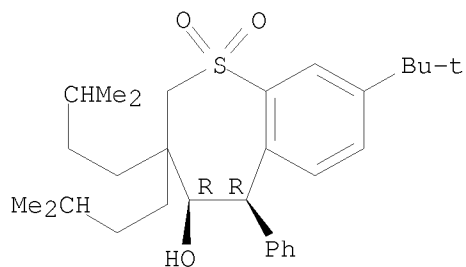
Absolute stereochemistry.



RN 1064582-04-2 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

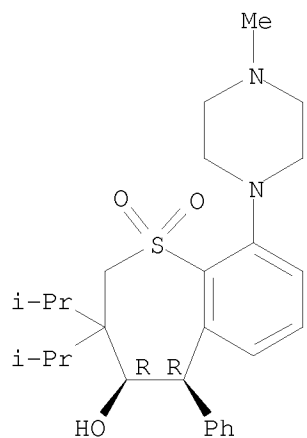


RN 1064582-05-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-9-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

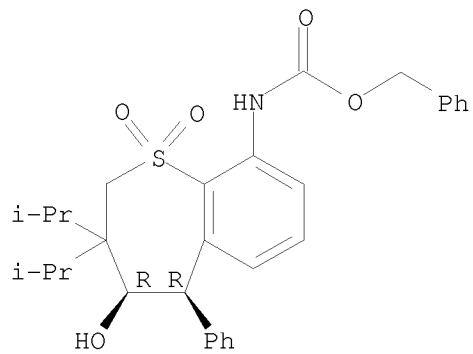
Absolute stereochemistry.

10/590,458



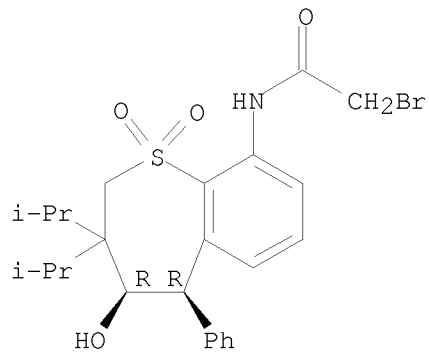
RN 1064582-06-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064582-07-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

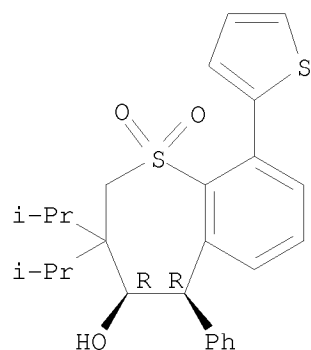


RN 1064582-08-6 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

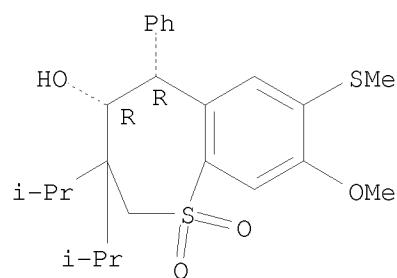
Absolute stereochemistry.



RN 1064582-09-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-3,3-bis(1-methylethyl)-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

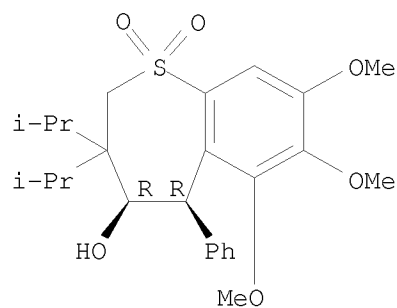
Absolute stereochemistry.



RN 1064582-10-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-6,7,8-trimethoxy-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

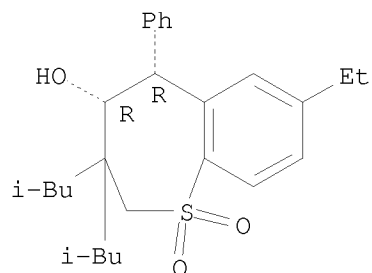


RN 1064582-11-1 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 7-ethyl-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

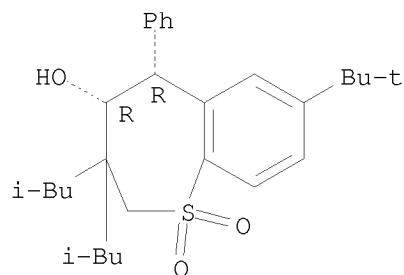
Absolute stereochemistry.



RN 1064582-12-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

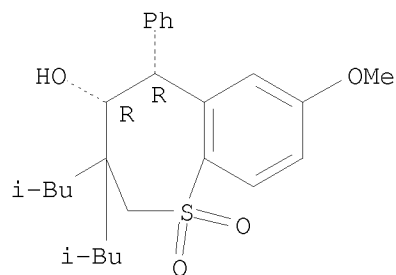
Absolute stereochemistry.



RN 1064582-13-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methoxy-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

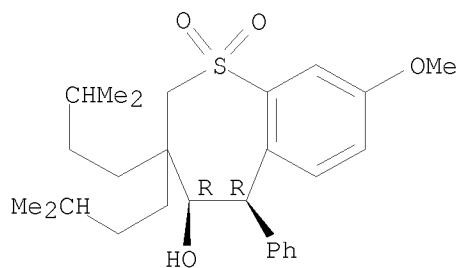


RN 1064582-14-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

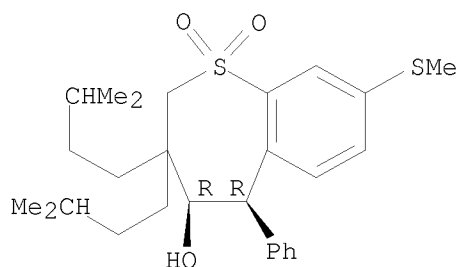
Absolute stereochemistry.



RN 1064582-15-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-8-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

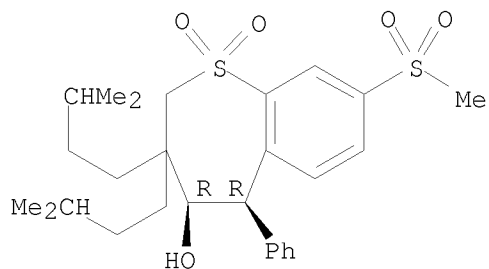
Absolute stereochemistry.



RN 1064582-16-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-8-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

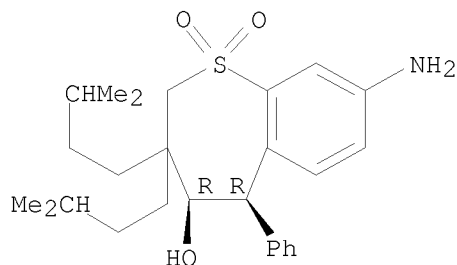


RN 1064582-17-7 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

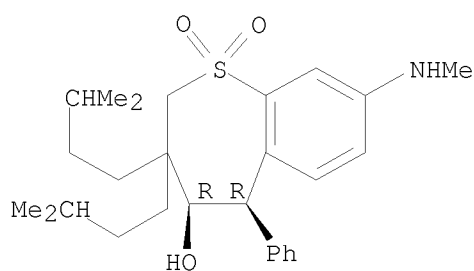
10/590,458



RN 1064582-18-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylamino)-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

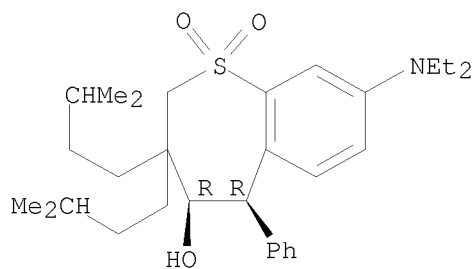
Absolute stereochemistry.



RN 1064582-19-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

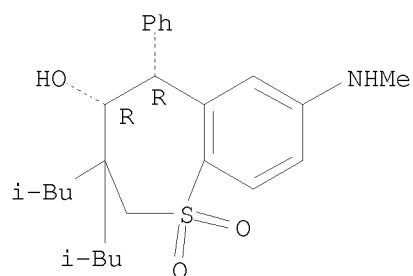


RN 1064582-20-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylamino)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

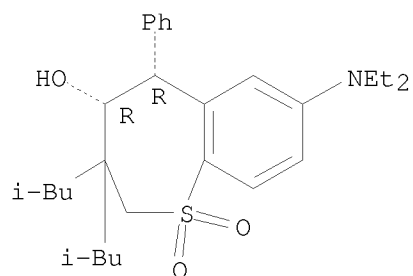
10/590,458



RN 1064582-21-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

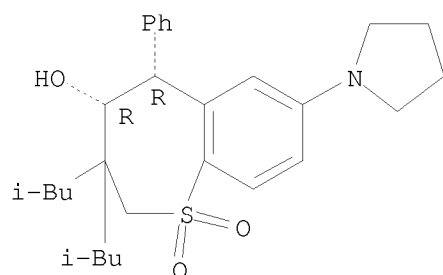
Absolute stereochemistry.



RN 1064582-22-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

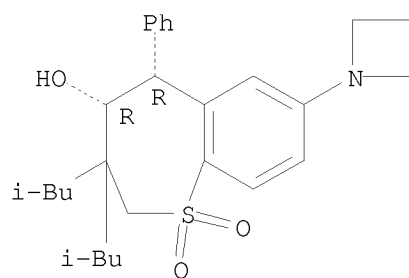


RN 1064582-23-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

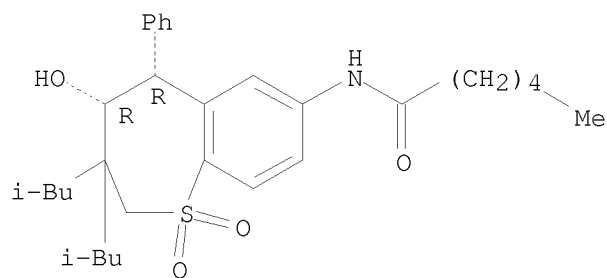
10/590,458



RN 1064582-24-6 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

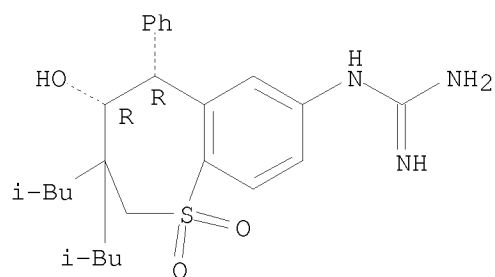
Absolute stereochemistry.



RN 1064582-25-7 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

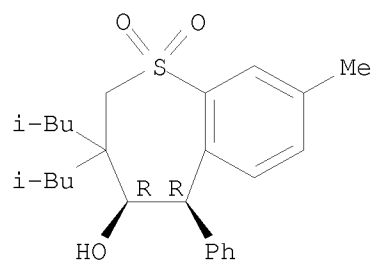


RN 1064582-26-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

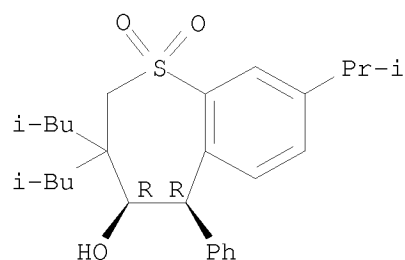
10/590,458



RN 1064582-27-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethyl)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

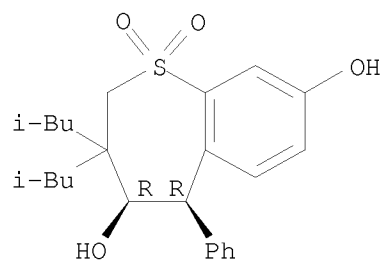
Absolute stereochemistry.



RN 1064582-28-0 CAPLUS

CN 1-Benzothiepin-4,8-diol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

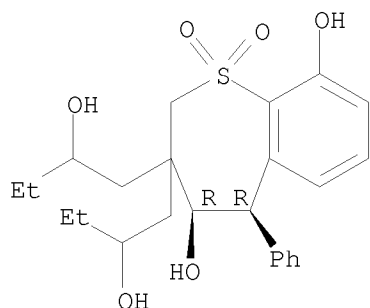


RN 1064582-29-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

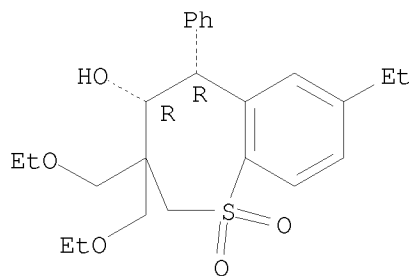
10/590,458



RN 1064582-30-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-7-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

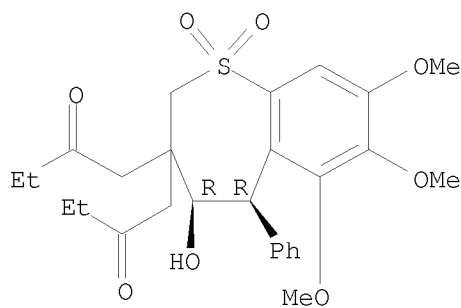
Absolute stereochemistry.



RN 1064582-31-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

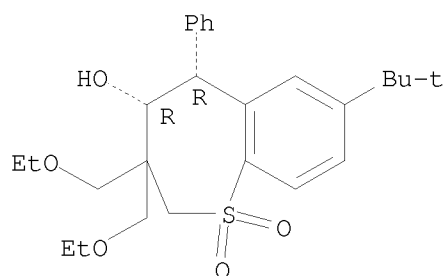


RN 1064582-32-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

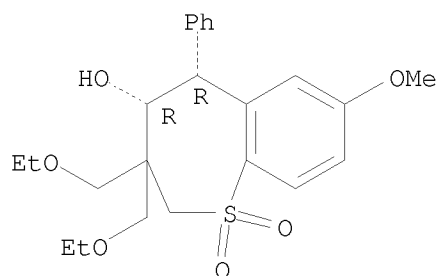
10/590,458



RN 1064582-33-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

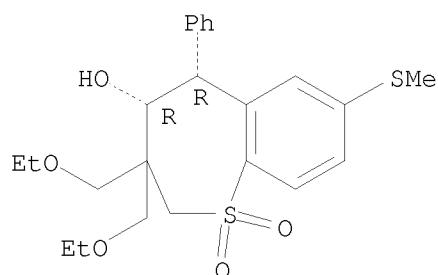
Absolute stereochemistry.



RN 1064582-34-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

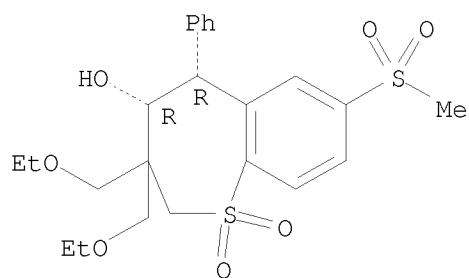


RN 1064582-35-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

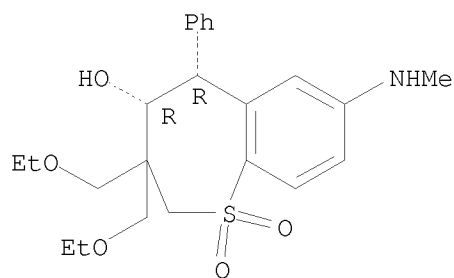
10/590,458



RN 1064582-36-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

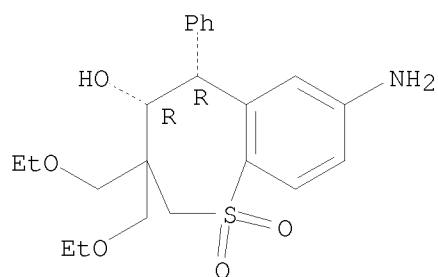
Absolute stereochemistry.



RN 1064582-37-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

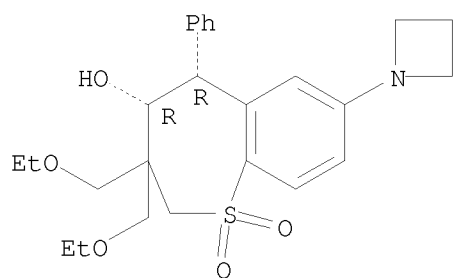


RN 1064582-38-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

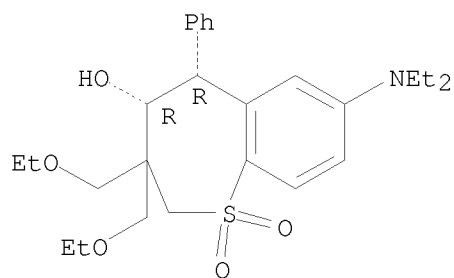
10/590,458



RN 1064582-39-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

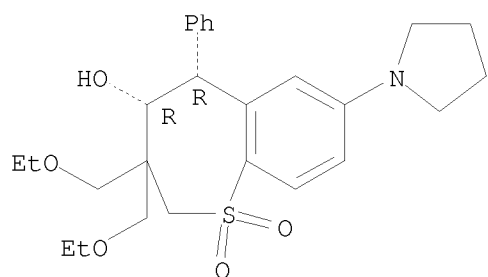
Absolute stereochemistry.



RN 1064582-40-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

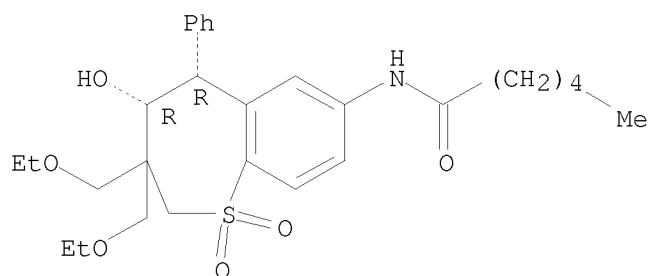


RN 1064582-41-7 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

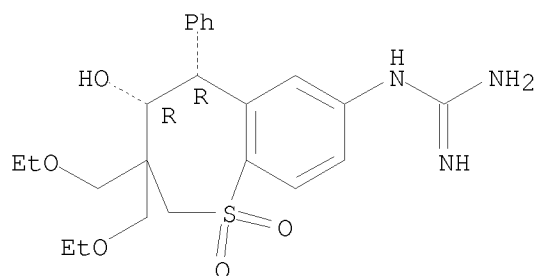
10/590,458



RN 1064582-42-8 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

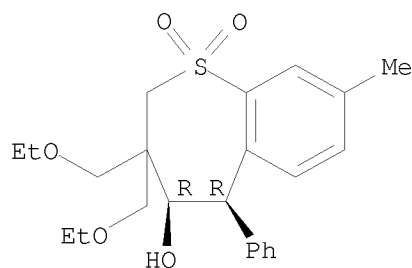
Absolute stereochemistry.



RN 1064582-43-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

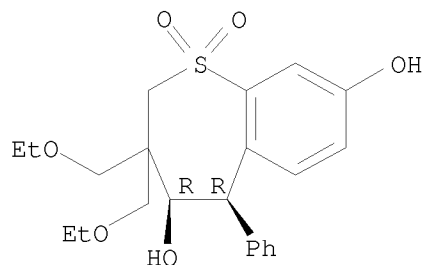


RN 1064582-44-0 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

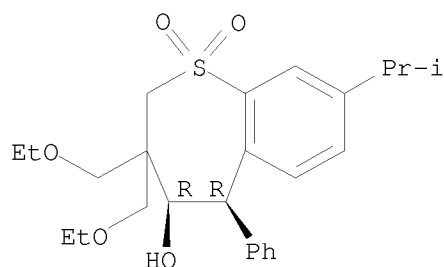
10/590,458



RN 1064582-45-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

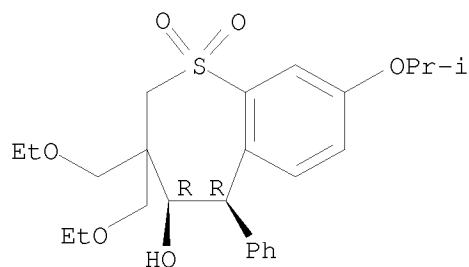
Absolute stereochemistry.



RN 1064582-46-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

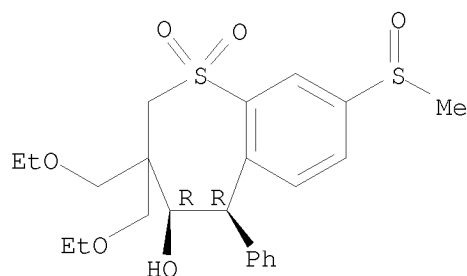


RN 1064582-47-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

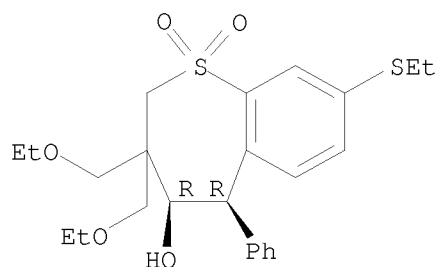
10/590,458



RN 1064582-48-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-8-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

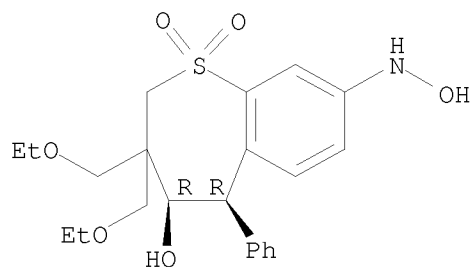
Absolute stereochemistry.



RN 1064582-49-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

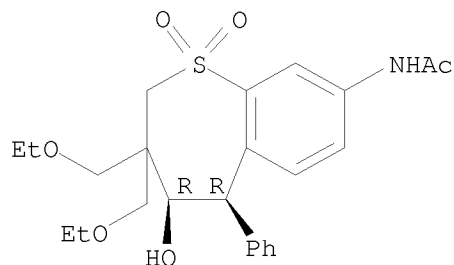


RN 1064582-50-8 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

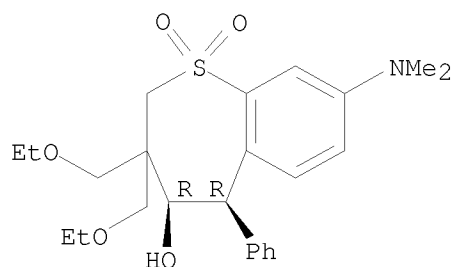
10/590,458



RN 1064582-51-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

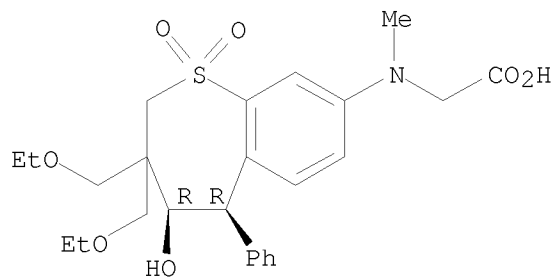
Absolute stereochemistry.



RN 1064582-52-0 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

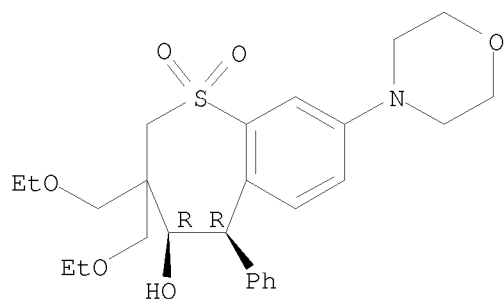


RN 1064582-53-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

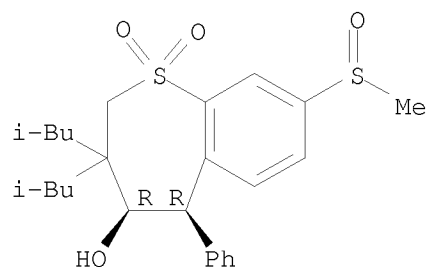
10/590,458



RN 1064582-54-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-8-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

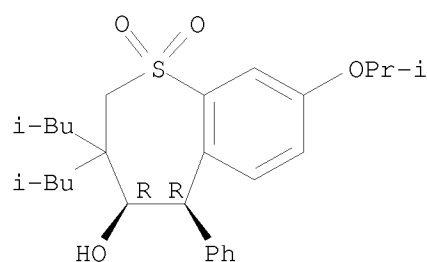
Absolute stereochemistry.



RN 1064582-55-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethoxy)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

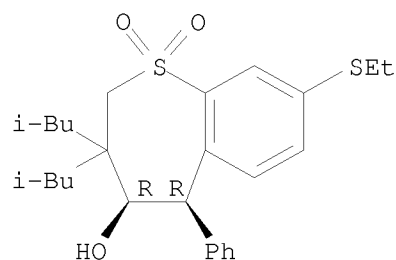


RN 1064582-56-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

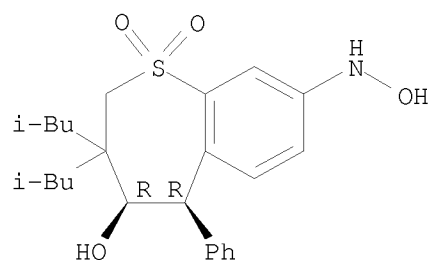
10/590,458



RN 1064582-57-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(hydroxyamino)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

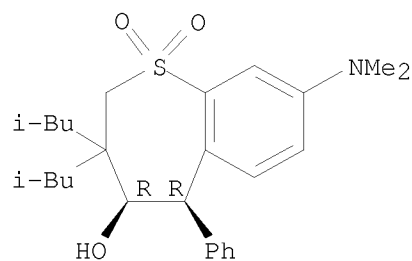
Absolute stereochemistry.



RN 1064582-58-6 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

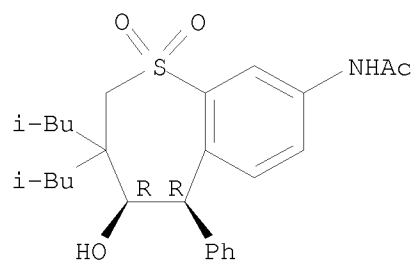


RN 1064582-59-7 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

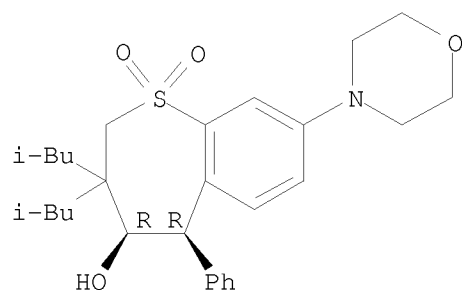
10/590,458



RN 1064582-60-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-8-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

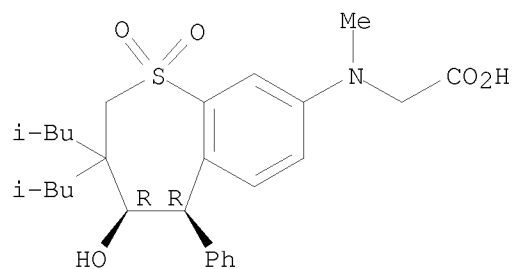
Absolute stereochemistry.



RN 1064582-61-1 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

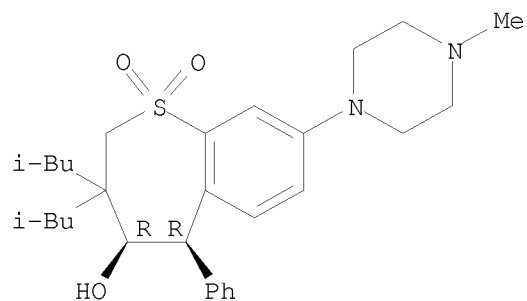


RN 1064582-62-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

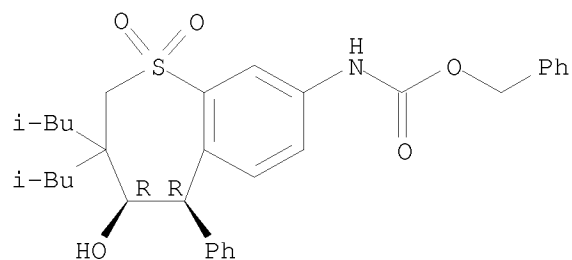
Absolute stereochemistry.

10/590,458



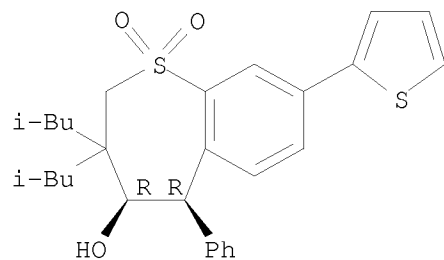
RN 1064582-63-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064582-64-4 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

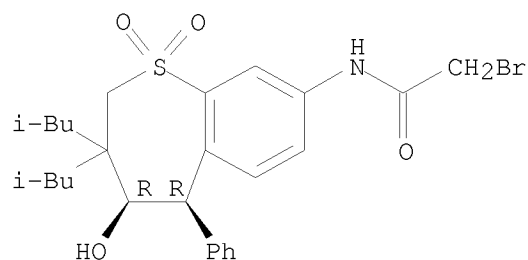
Absolute stereochemistry.



RN 1064582-65-5 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

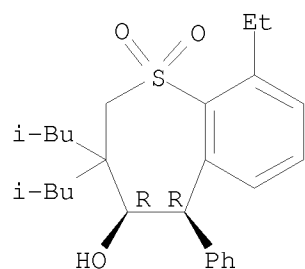
10/590,458



RN 1064582-66-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-ethyl-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

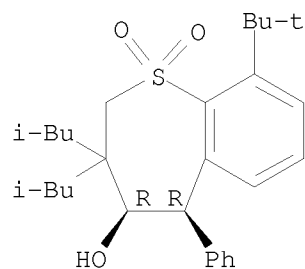
Absolute stereochemistry.



RN 1064582-67-7 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

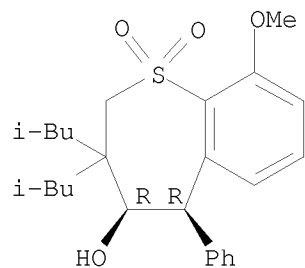


RN 1064582-68-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methoxy-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

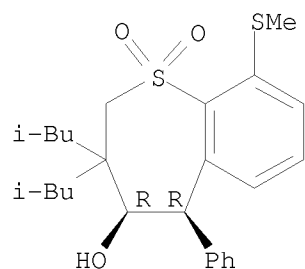
10/590,458



RN 1064582-69-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-9-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

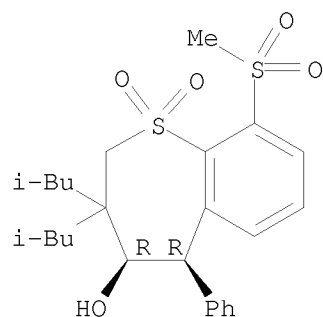
Absolute stereochemistry.



RN 1064582-70-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-9-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

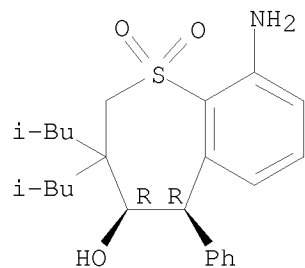


RN 1064582-71-3 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

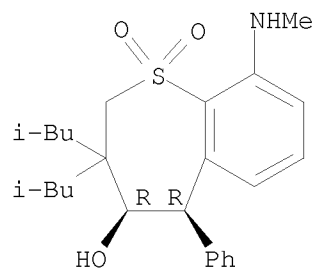
Absolute stereochemistry.

10/590,458



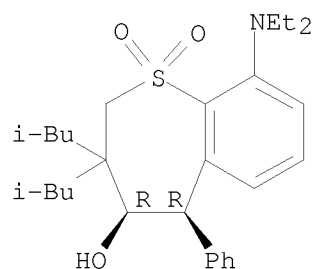
RN 1064582-72-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064582-73-5 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

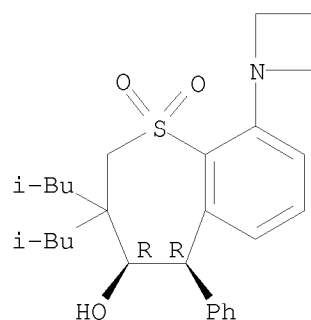
Absolute stereochemistry.



RN 1064582-75-7 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(1-azetidinyl)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

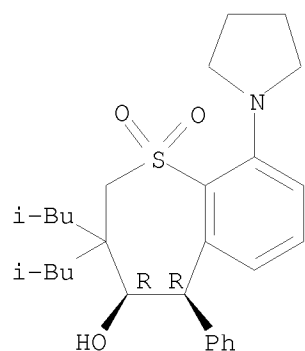
10/590,458



RN 1064582-76-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

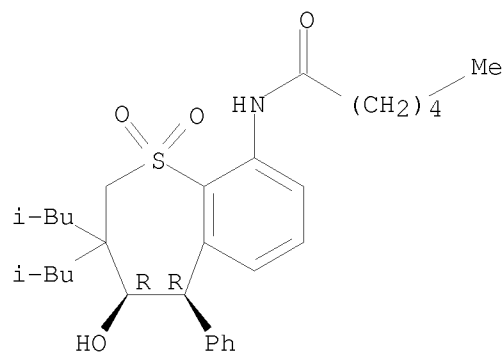
Absolute stereochemistry.



RN 1064582-77-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

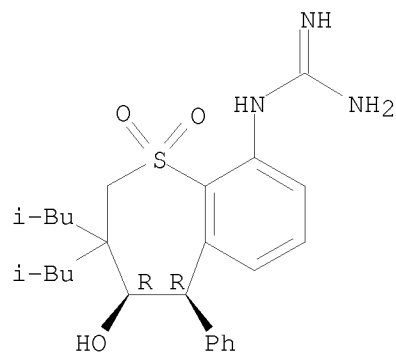


RN 1064582-78-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

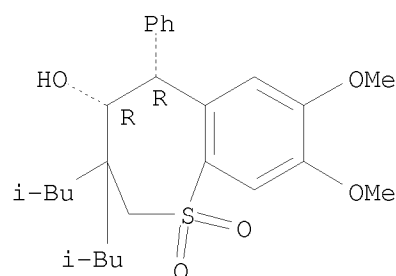
10/590,458



RN 1064582-79-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-dimethoxy-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

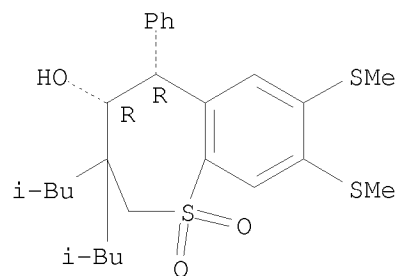
Absolute stereochemistry.



RN 1064582-80-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-7,8-bis(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

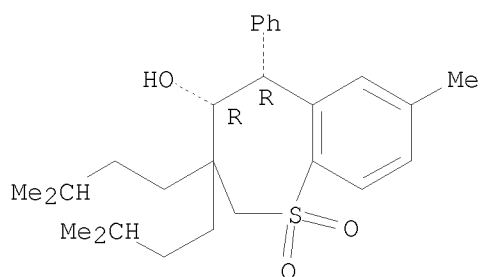


RN 1064582-81-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

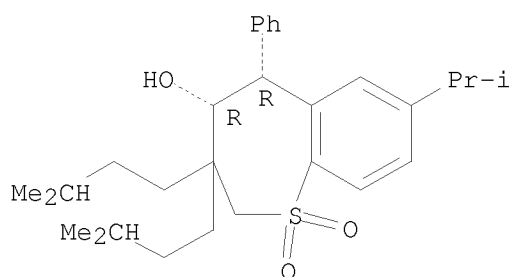
10/590,458



RN 1064582-82-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

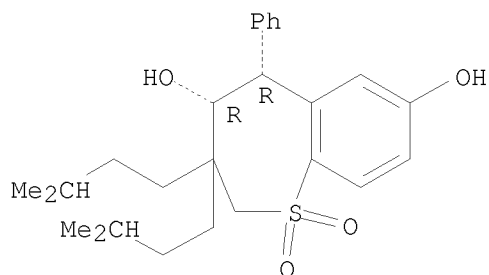
Absolute stereochemistry.



RN 1064582-83-7 CAPLUS

CN 1-Benzothiepin-4,7-diol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

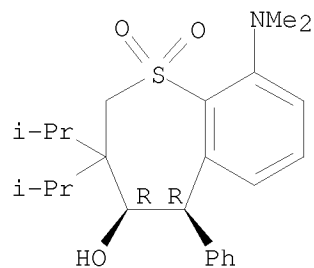


RN 1064582-84-8 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

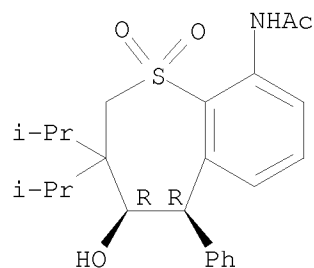
Absolute stereochemistry.

10/590,458



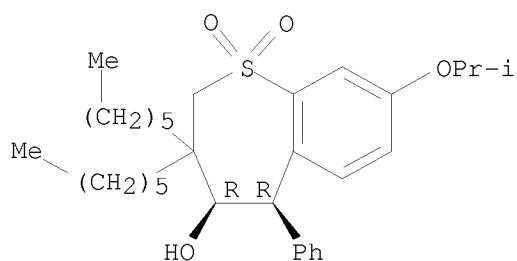
RN 1064582-85-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064582-86-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

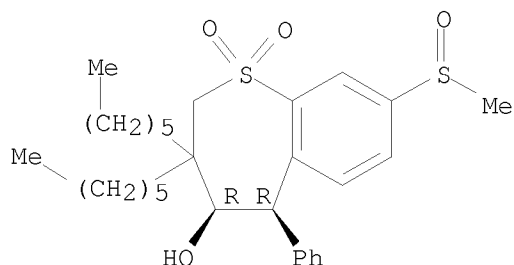
Absolute stereochemistry.



RN 1064582-87-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

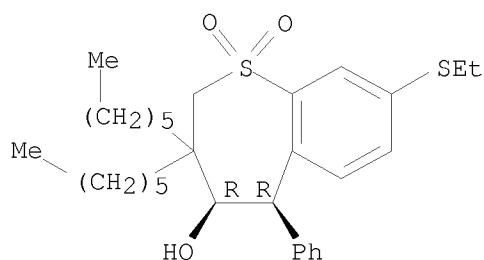
10/590,458



RN 1064582-88-2 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(ethylthio)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

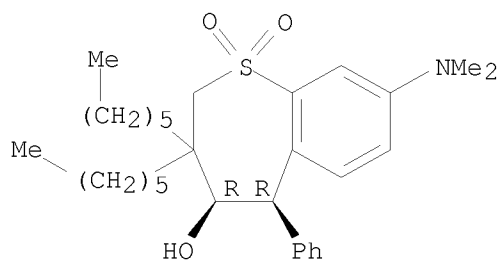
Absolute stereochemistry.



RN 1064582-90-6 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

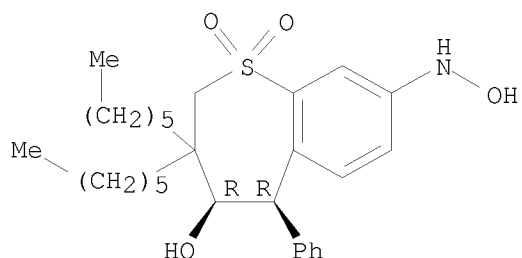


RN 1064582-91-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

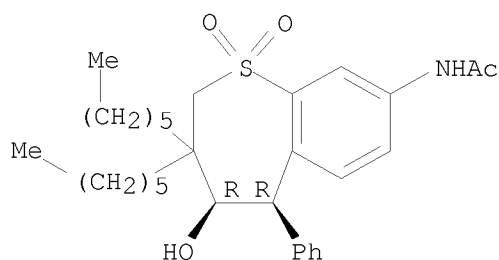
10/590,458



RN 1064582-92-8 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

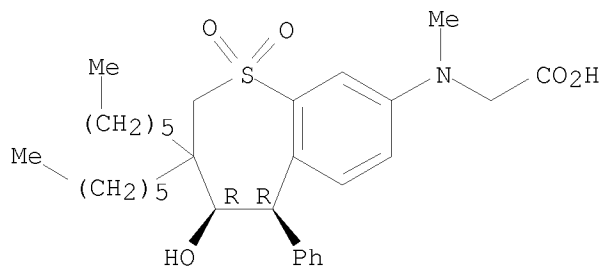
Absolute stereochemistry.



RN 1064582-93-9 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

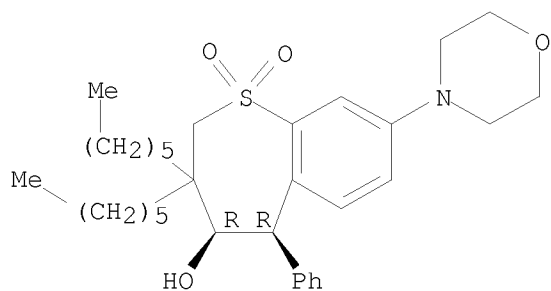


RN 1064582-94-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

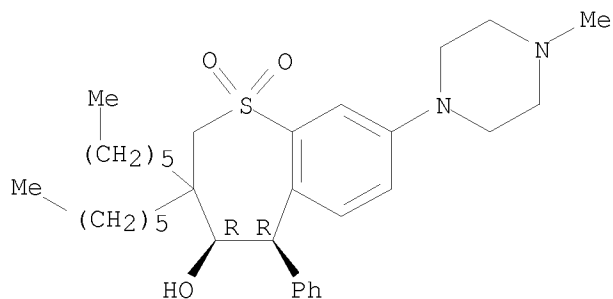
10/590,458



RN 1064582-95-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

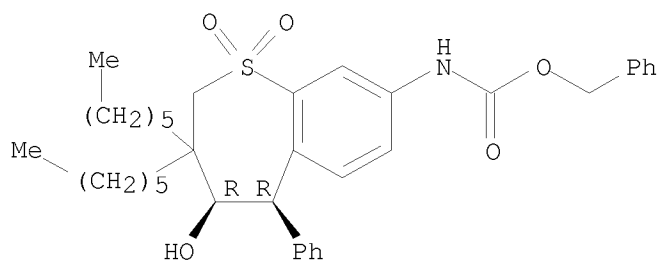
Absolute stereochemistry.



RN 1064582-96-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

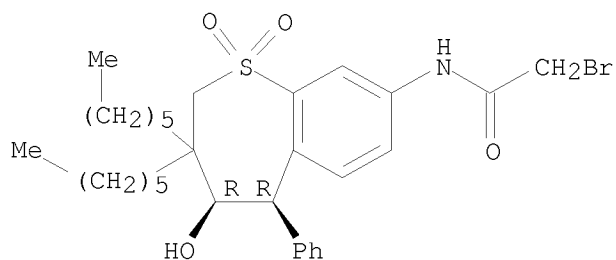


RN 1064582-97-3 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

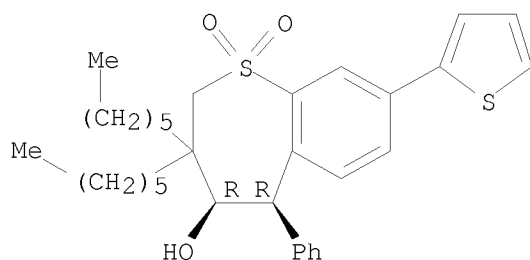
10/590,458



RN 1064582-99-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

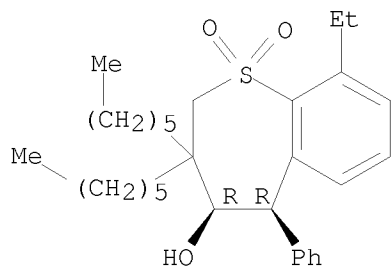
Absolute stereochemistry.



RN 1064583-01-2 CAPLUS

CN 1-Benzothiepin-4-ol, 9-ethyl-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

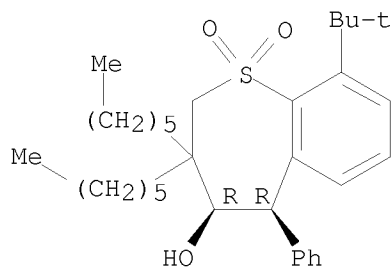


RN 1064583-02-3 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

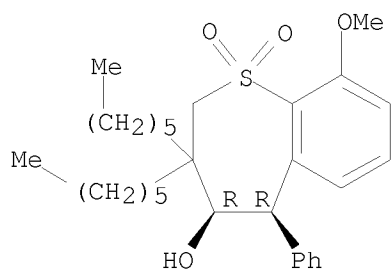
10/590,458



RN 1064583-03-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

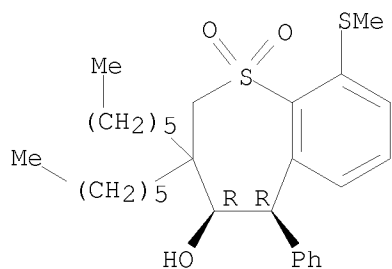
Absolute stereochemistry.



RN 1064583-04-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

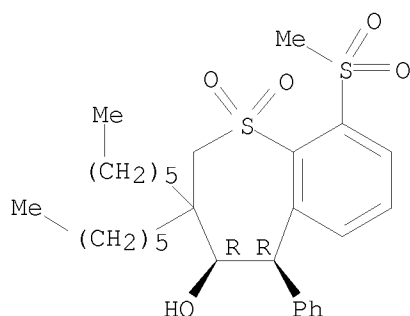
Absolute stereochemistry.



RN 1064583-05-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

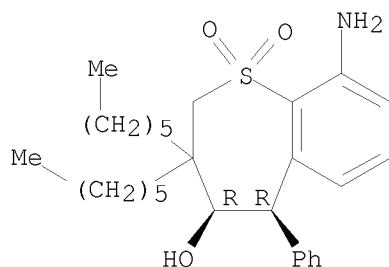
Absolute stereochemistry.



RN 1064583-06-7 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

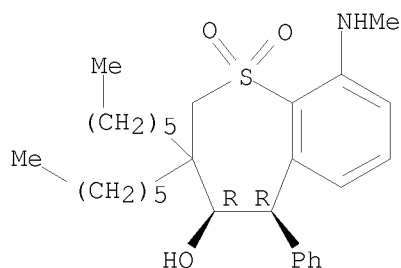
Absolute stereochemistry.



RN 1064583-07-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(methyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

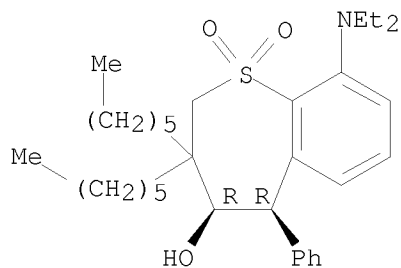


RN 1064583-08-9 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(diethylamino)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

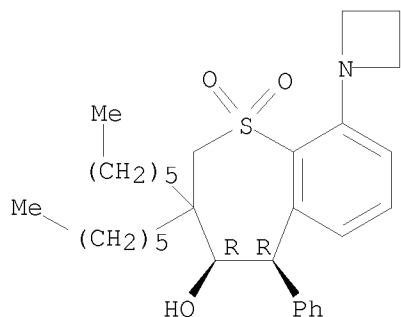
Absolute stereochemistry.

10/590,458



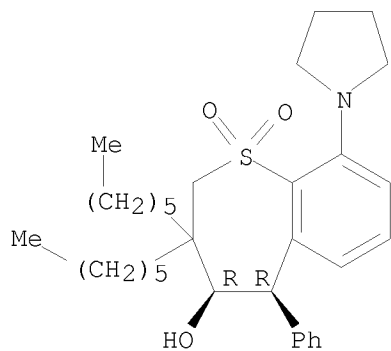
RN 1064583-09-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-10-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

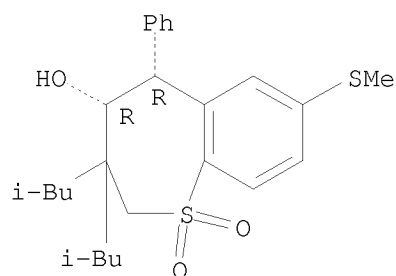
Absolute stereochemistry.



RN 1064583-11-4 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

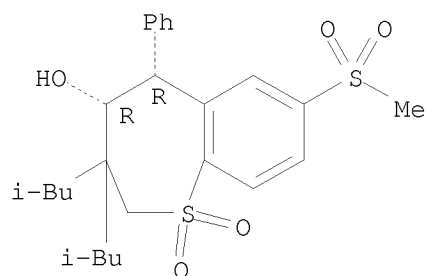
10/590,458



RN 1064583-12-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-7-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

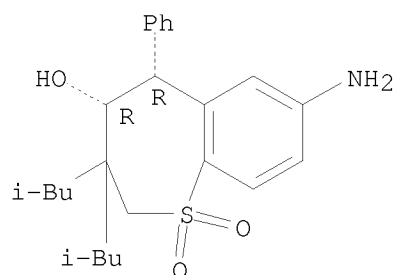
Absolute stereochemistry.



RN 1064583-13-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

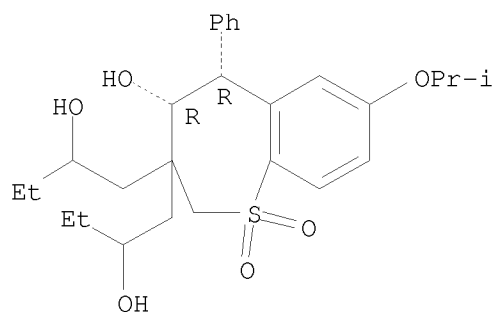


RN 1064583-14-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

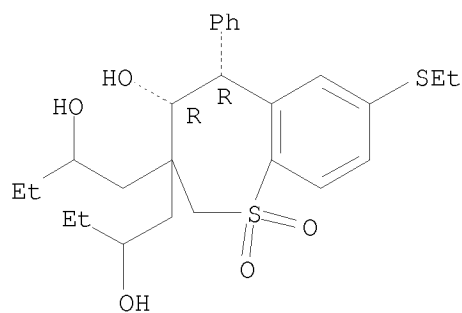
Absolute stereochemistry.

10/590,458



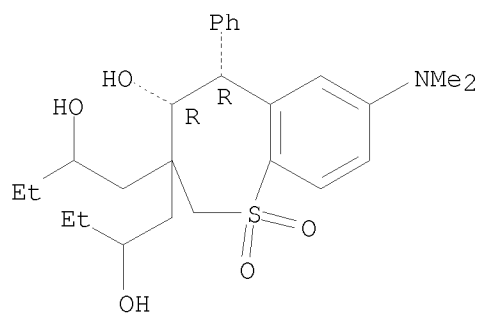
RN 1064583-15-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-16-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

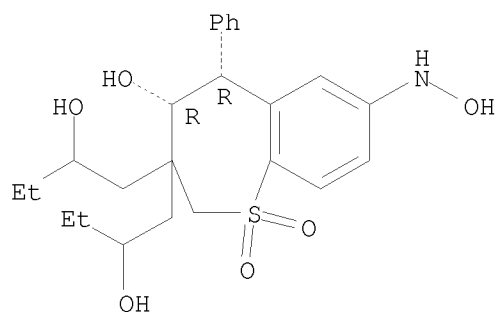
Absolute stereochemistry.



RN 1064583-17-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

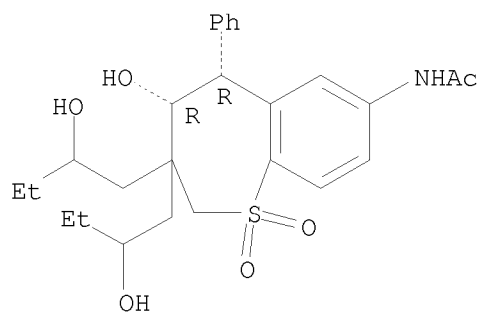
Absolute stereochemistry.

10/590,458



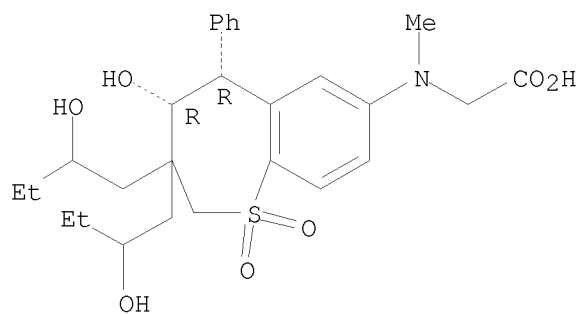
RN 1064583-18-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-19-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

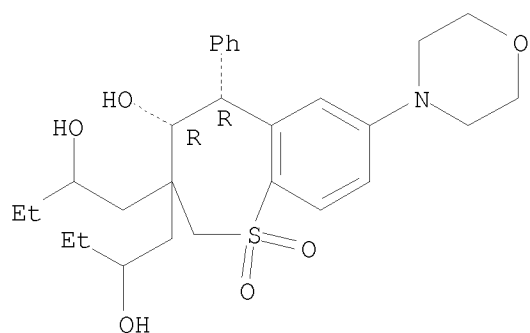
Absolute stereochemistry.



RN 1064583-20-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

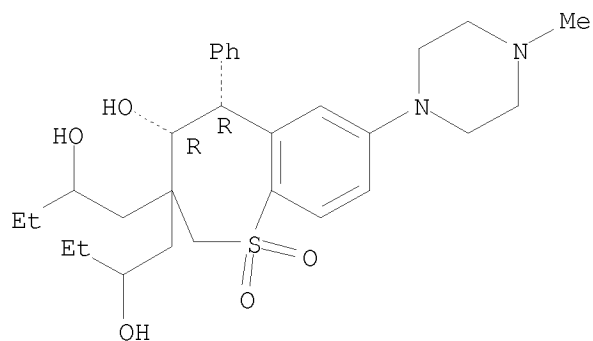
Absolute stereochemistry.

10/590,458



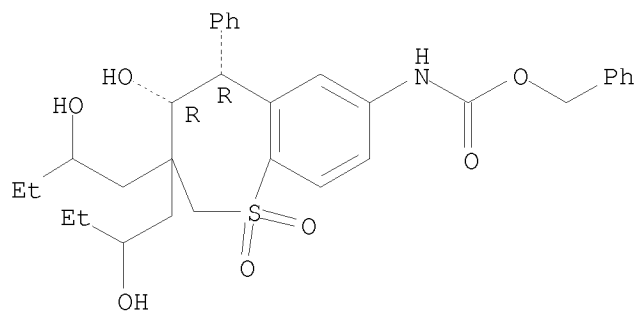
RN 1064583-21-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-22-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

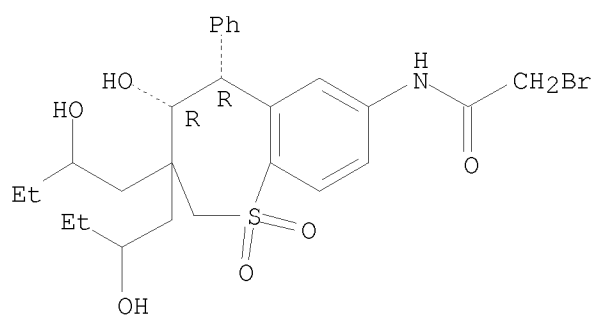
Absolute stereochemistry.



RN 1064583-23-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

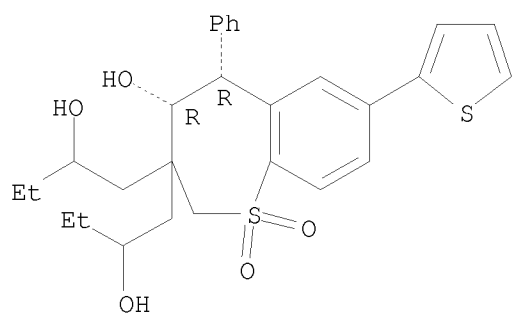
Absolute stereochemistry.

10/590,458



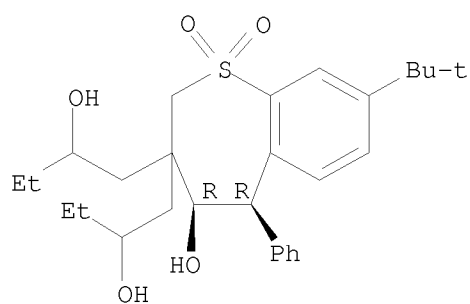
RN 1064583-24-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-25-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

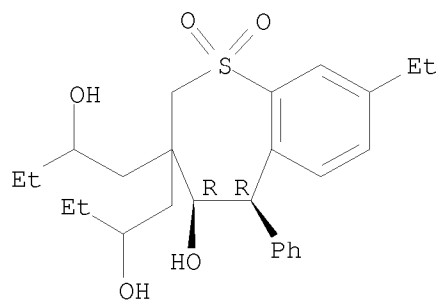
Absolute stereochemistry.



RN 1064583-26-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

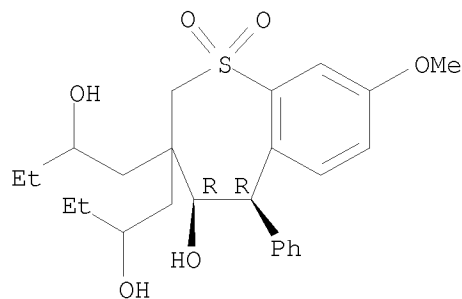
Absolute stereochemistry.

10/590,458



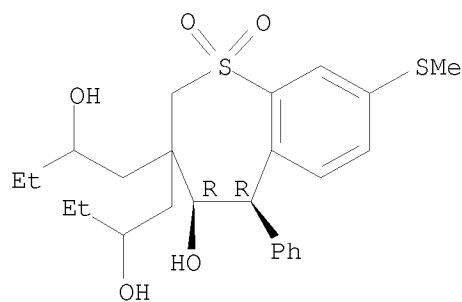
RN 1064583-27-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-28-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

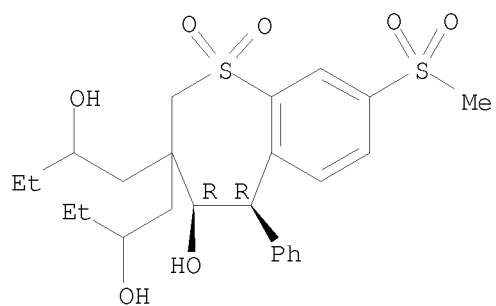
Absolute stereochemistry.



RN 1064583-29-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

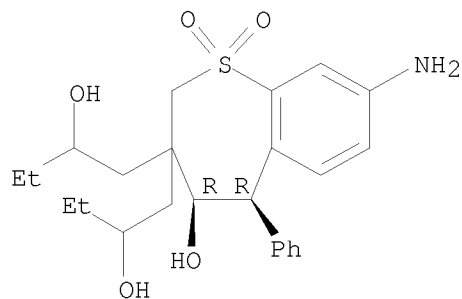
Absolute stereochemistry.

10/590,458



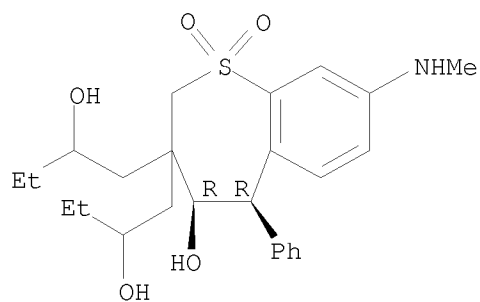
RN 1064583-30-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-31-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

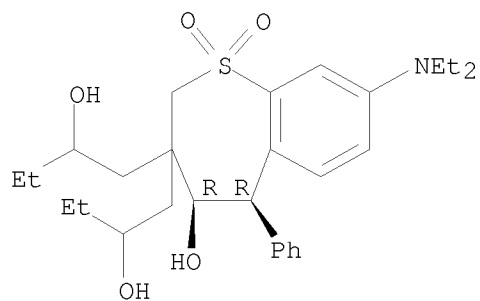
Absolute stereochemistry.



RN 1064583-32-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

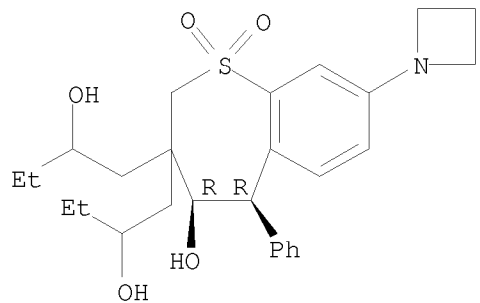
Absolute stereochemistry.

10/590,458



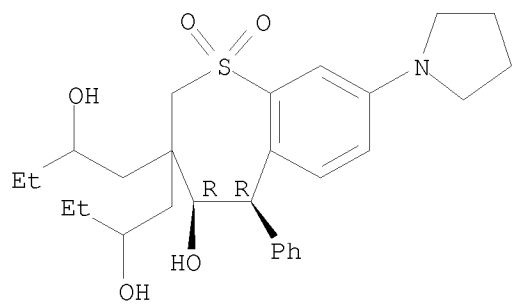
RN 1064583-33-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-34-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

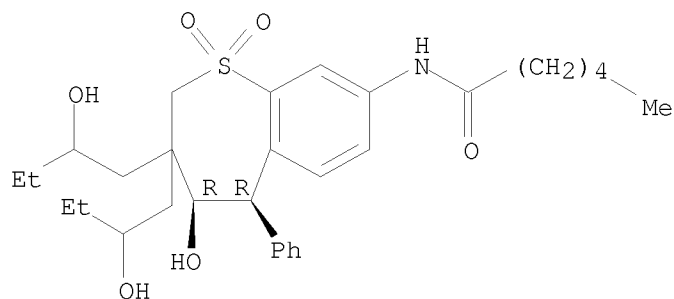
Absolute stereochemistry.



RN 1064583-35-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

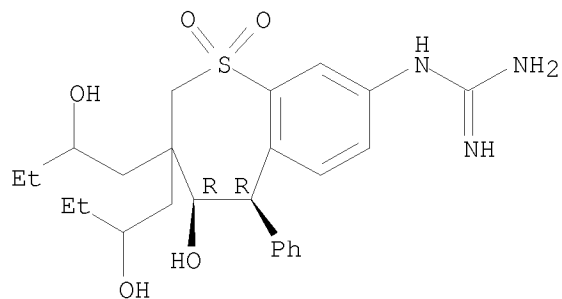
Absolute stereochemistry.

10/590,458



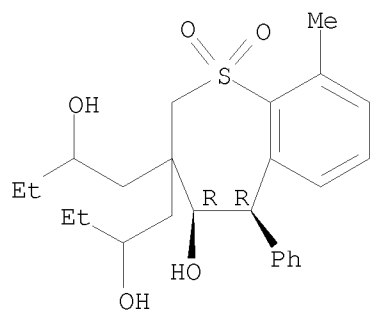
RN 1064583-36-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-37-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

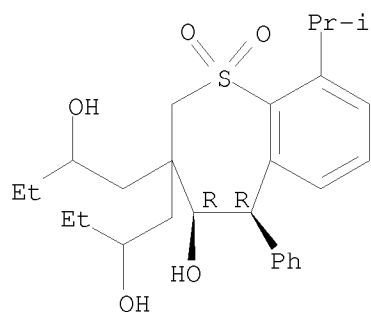
Absolute stereochemistry.



RN 1064583-38-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

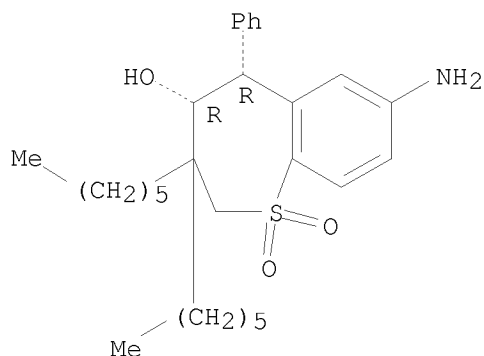
10/590,458



RN 1064583-40-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

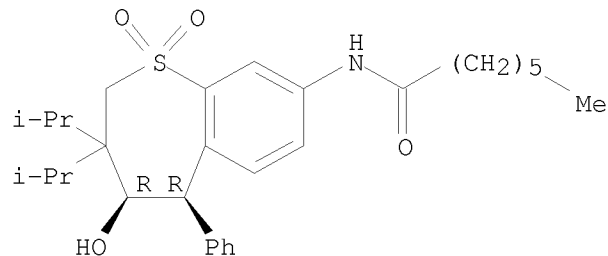
Absolute stereochemistry.



RN 1064583-41-0 CAPLUS

CN Heptanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

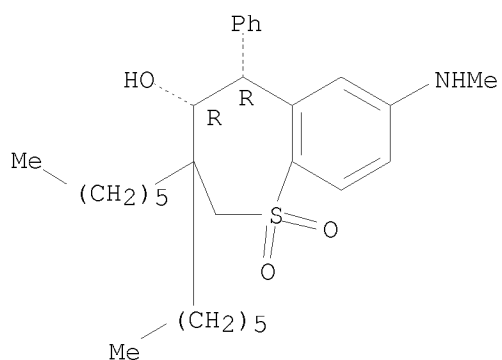


RN 1064583-42-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(methylanino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

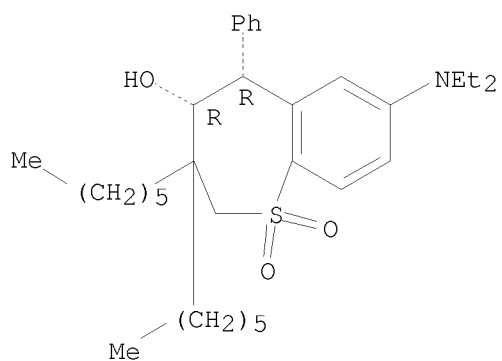
10/590,458



RN 1064583-43-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

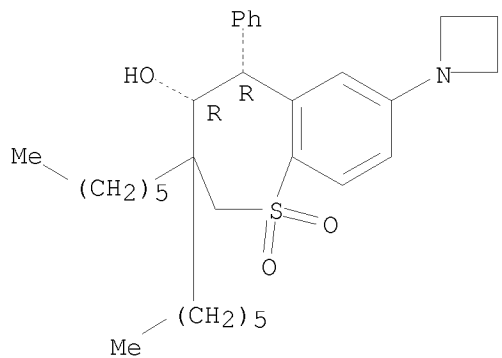
Absolute stereochemistry.



RN 1064583-44-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

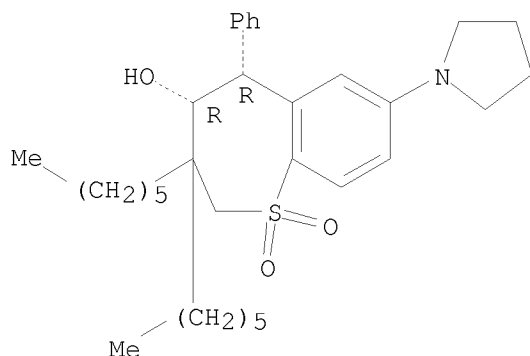


10/590,458

RN 1064583-45-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

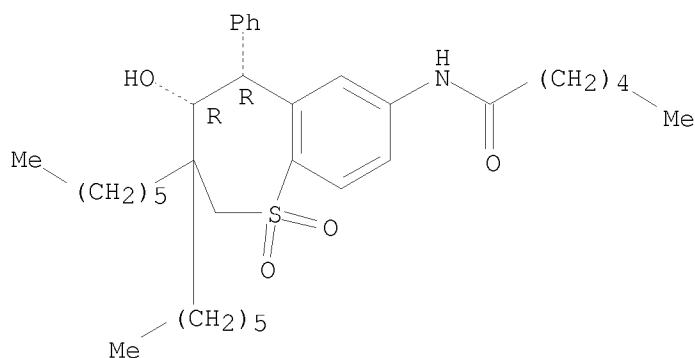
Absolute stereochemistry.



RN 1064583-46-5 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

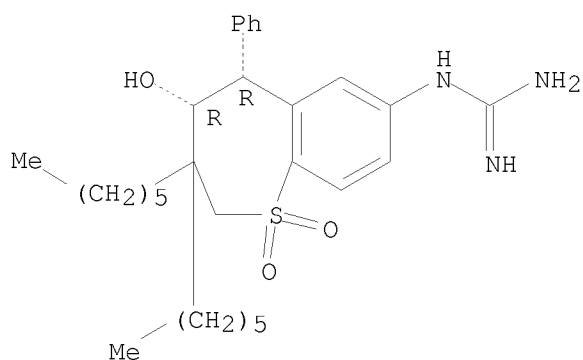


RN 1064583-47-6 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

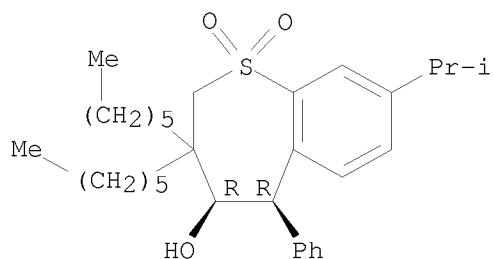
10/590,458



RN 1064583-48-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

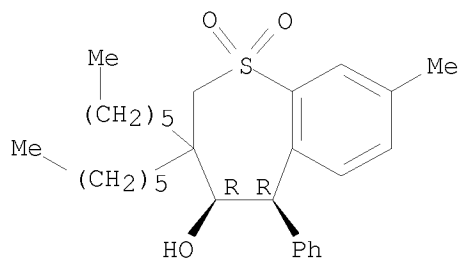
Absolute stereochemistry.



RN 1064583-49-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

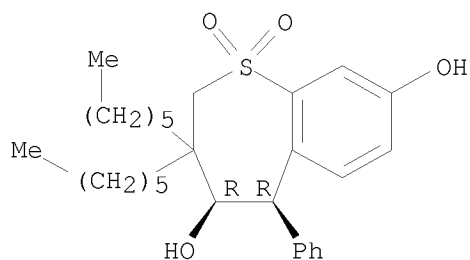


RN 1064583-50-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

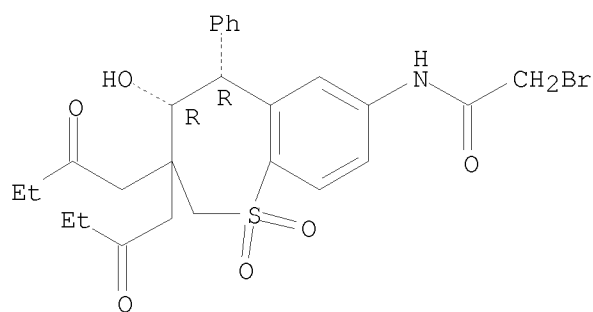
10/590,458



RN 1064583-51-2 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

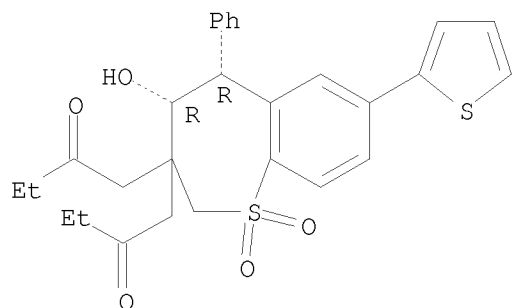
Absolute stereochemistry.



RN 1064583-52-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

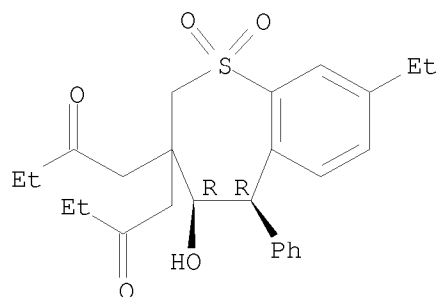


RN 1064583-53-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

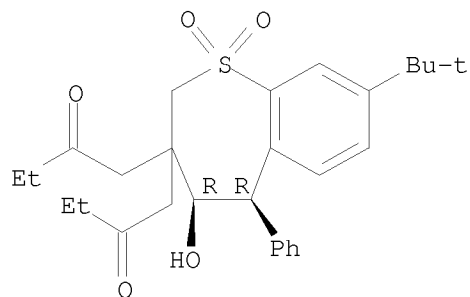
Absolute stereochemistry.

10/590,458



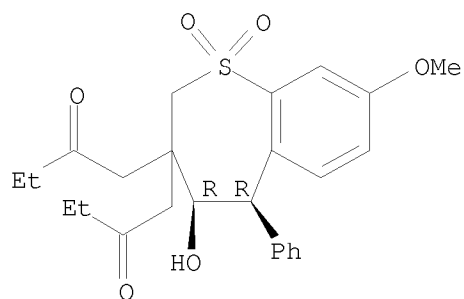
RN 1064583-54-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-55-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

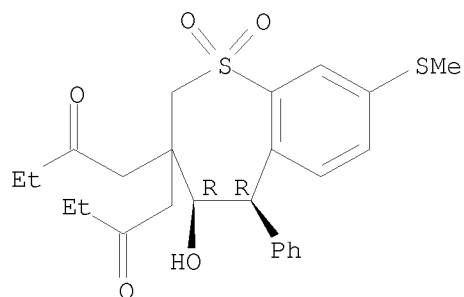
Absolute stereochemistry.



RN 1064583-56-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

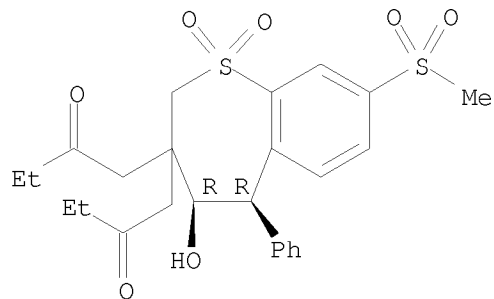
Absolute stereochemistry.

10/590,458



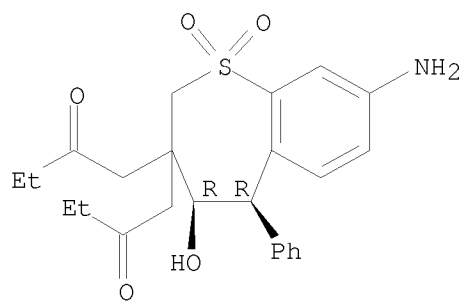
RN 1064583-57-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-58-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

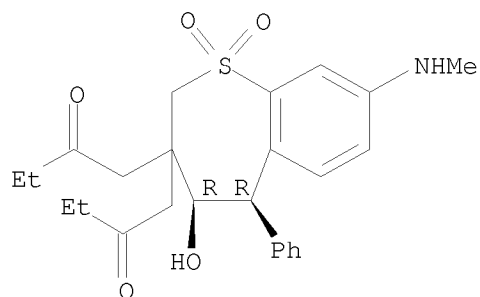
Absolute stereochemistry.



RN 1064583-59-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

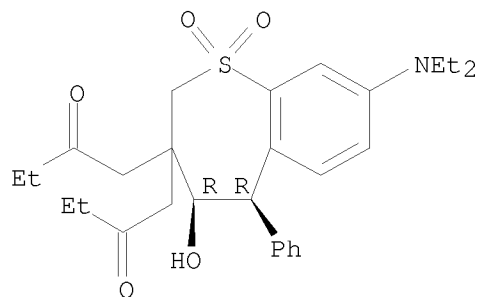
Absolute stereochemistry.

10/590,458



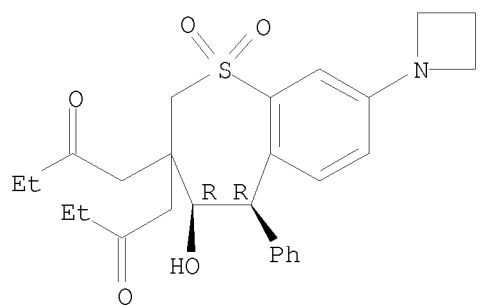
RN 1064583-61-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-62-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

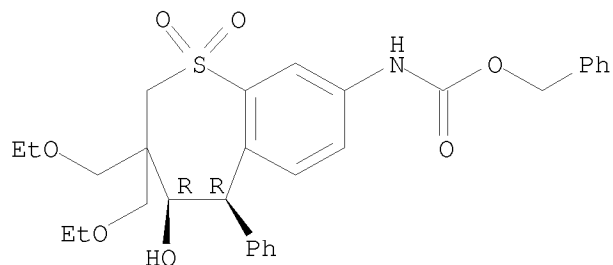
Absolute stereochemistry.



RN 1064583-63-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

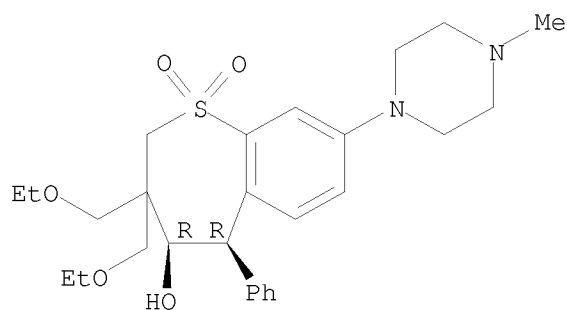
10/590,458



RN 1064583-64-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

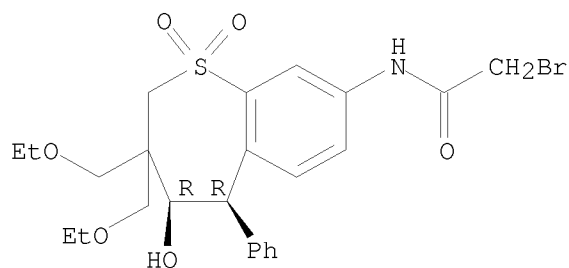
Absolute stereochemistry.



RN 1064583-65-8 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-2-bromo- (CA INDEX NAME)

Absolute stereochemistry.

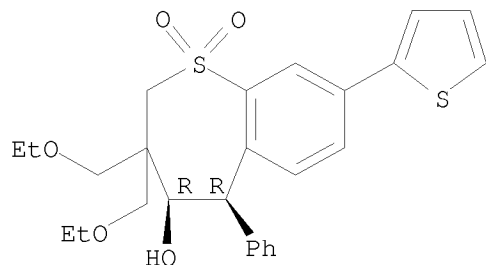


RN 1064583-66-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

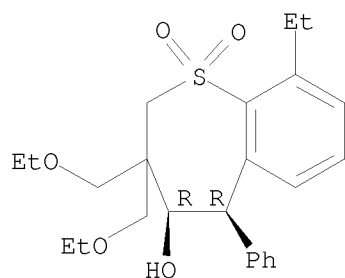
10/590,458



RN 1064583-67-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-9-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

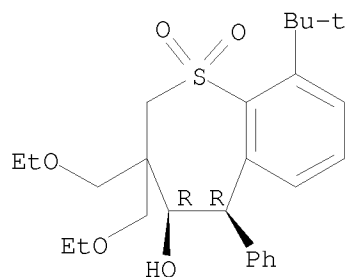
Absolute stereochemistry.



RN 1064583-68-1 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

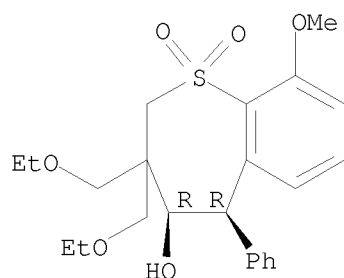


RN 1064583-69-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

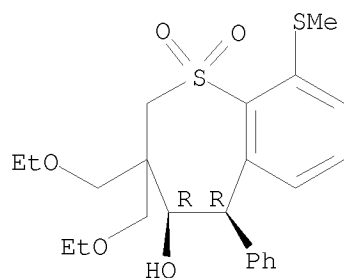
10/590,458



RN 1064583-70-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

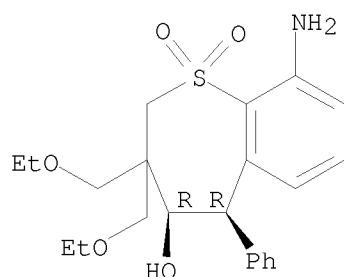
Absolute stereochemistry.



RN 1064583-71-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

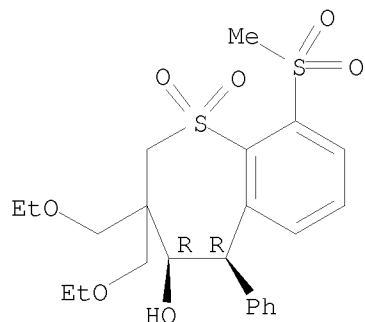


RN 1064583-72-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

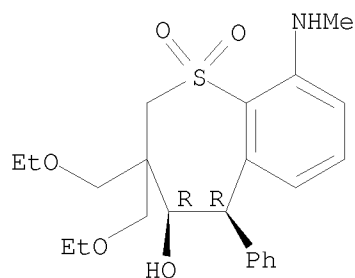
10/590,458



RN 1064583-73-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

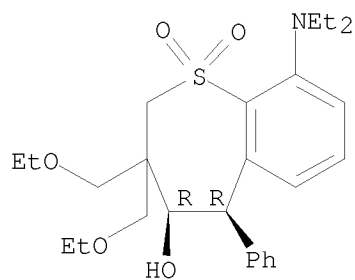
Absolute stereochemistry.



RN 1064583-74-9 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(diethylamino)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

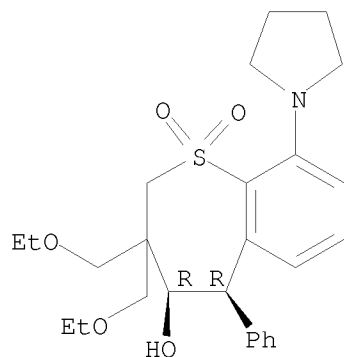


RN 1064583-75-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

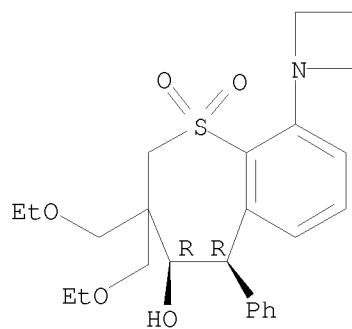
Absolute stereochemistry.

10/590,458



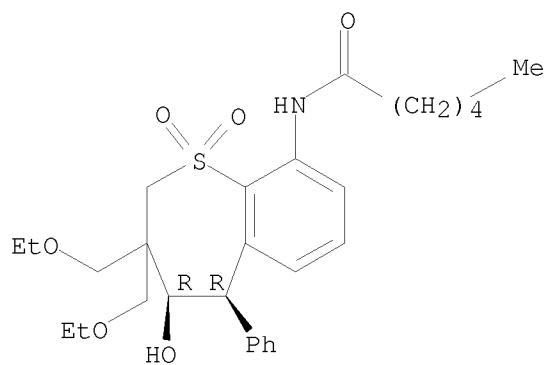
RN 1064583-76-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-77-2 CAPLUS
CN Hexanamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

Absolute stereochemistry.

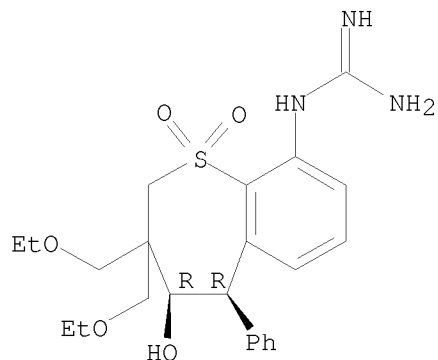


RN 1064583-78-3 CAPLUS
CN Guanidine, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-

10/590,458

1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

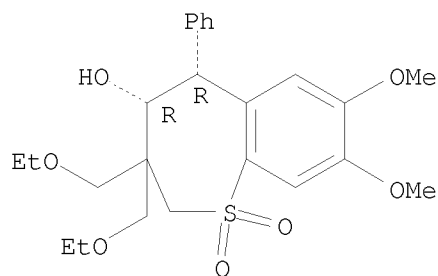
Absolute stereochemistry.



RN 1064583-79-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

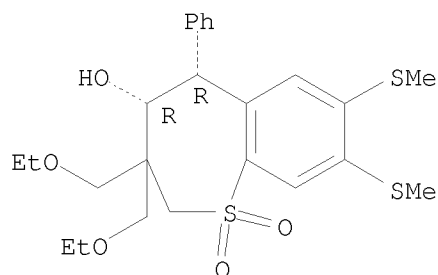
Absolute stereochemistry.



RN 1064583-80-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7,8-bis(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

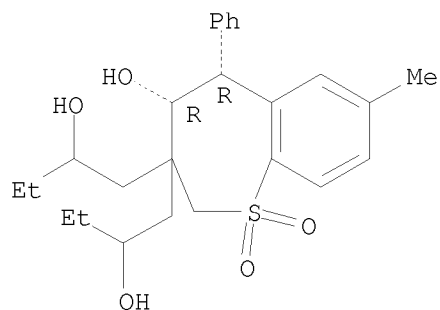


RN 1064583-81-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

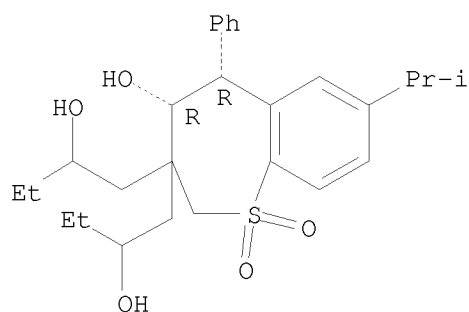
10/590,458

Absolute stereochemistry.



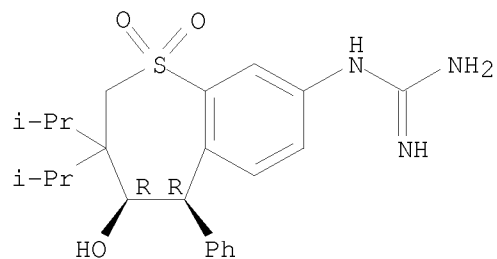
RN 1064583-82-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-83-0 CAPLUS
CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

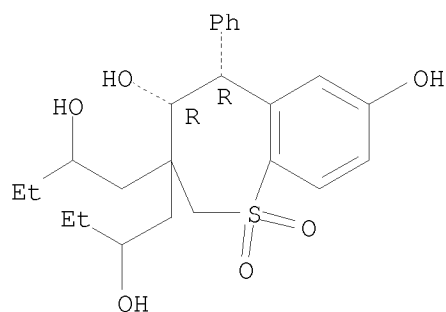
Absolute stereochemistry.



RN 1064583-84-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

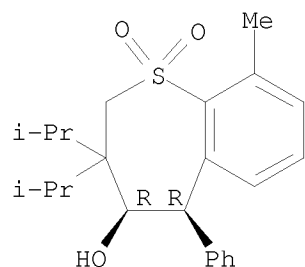
10/590,458



RN 1064583-85-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

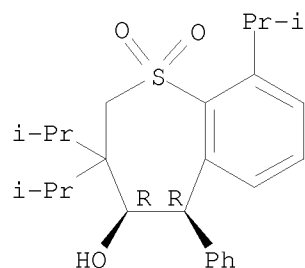
Absolute stereochemistry.



RN 1064583-86-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3,9-tris(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

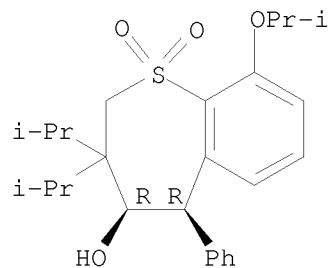


RN 1064583-87-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

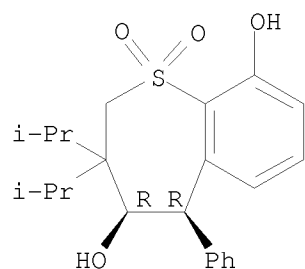
10/590,458



RN 1064583-88-5 CAPLUS

CN 1-Benzothiepin-4,9-diol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

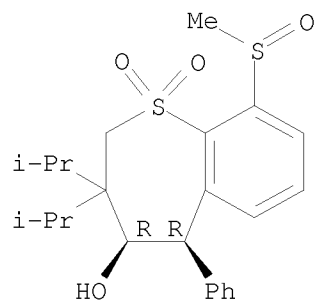
Absolute stereochemistry.



RN 1064583-89-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-9-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

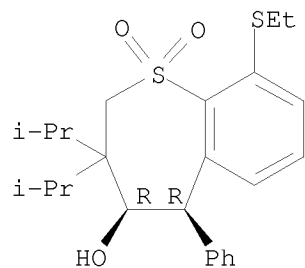


RN 1064583-90-9 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

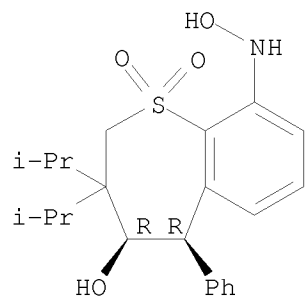
Absolute stereochemistry.

10/590,458



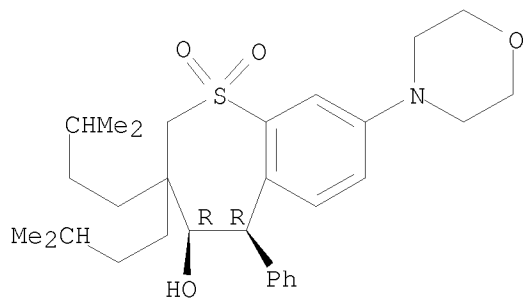
RN 1064583-91-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-92-1 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-8-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

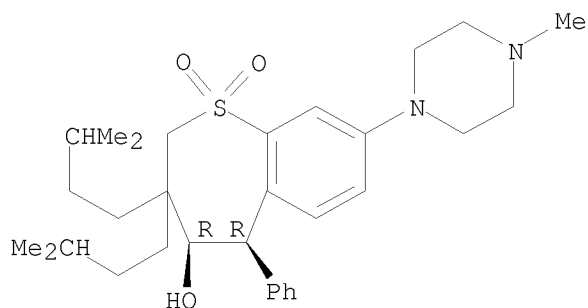
Absolute stereochemistry.



RN 1064583-93-2 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-8-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

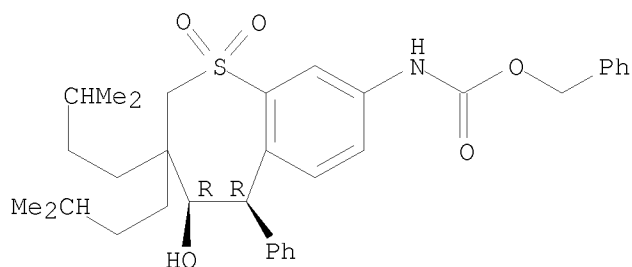
Absolute stereochemistry.

10/590,458



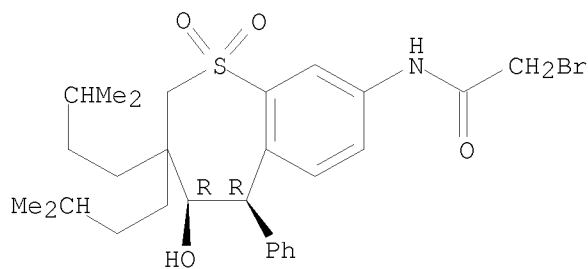
RN 1064583-94-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064583-95-4 CAPLUS
CN Acetamide, 2-bromo-N-[(4R, 5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

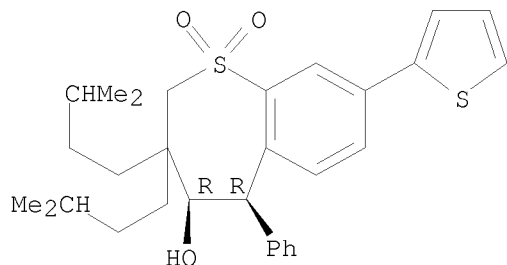
Absolute stereochemistry.



RN 1064583-96-5 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R, 5R)- (CA INDEX NAME)

Absolute stereochemistry.

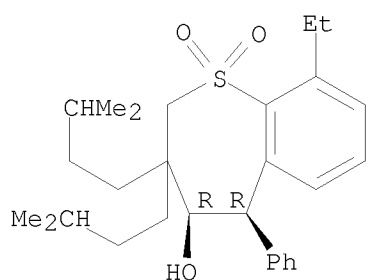
10/590,458



RN 1064583-97-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-ethyl-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

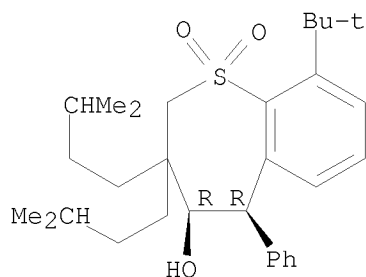
Absolute stereochemistry.



RN 1064583-98-7 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

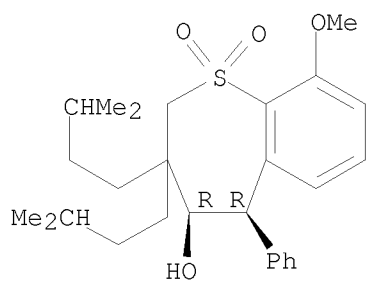


RN 1064583-99-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methoxy-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

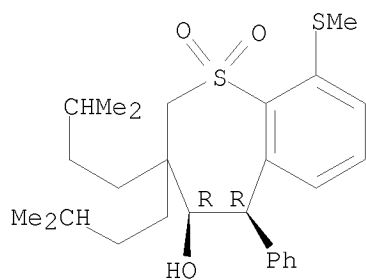
10/590,458



RN 1064584-00-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-9-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

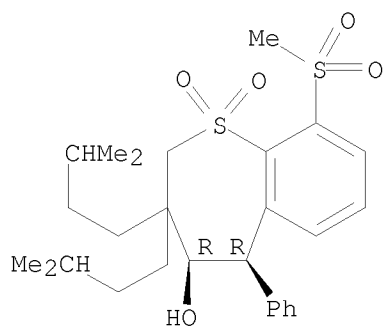
Absolute stereochemistry.



RN 1064584-01-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-9-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

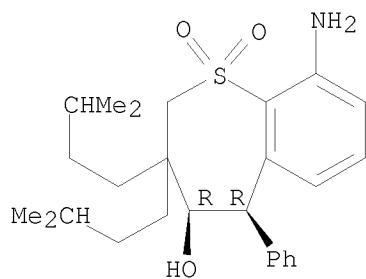


RN 1064584-02-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

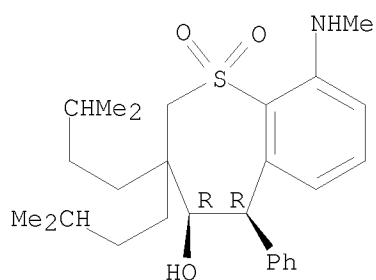
Absolute stereochemistry.

10/590,458



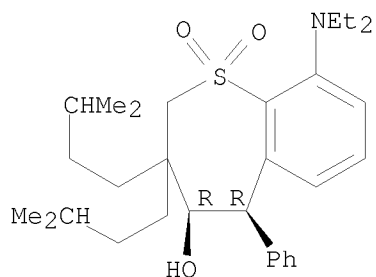
RN 1064584-03-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-04-8 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

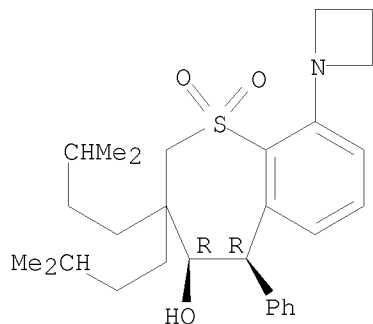
Absolute stereochemistry.



RN 1064584-05-9 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

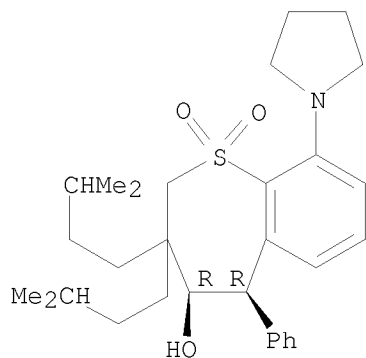
10/590,458



RN 1064584-06-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

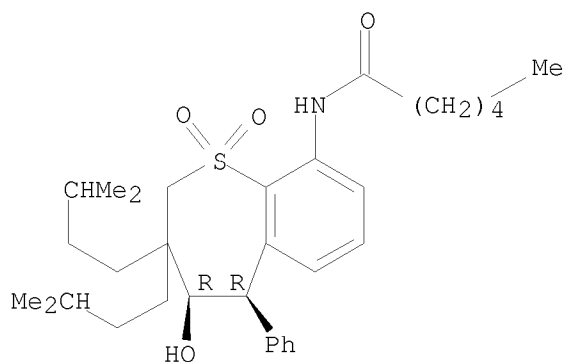
Absolute stereochemistry.



RN 1064584-07-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

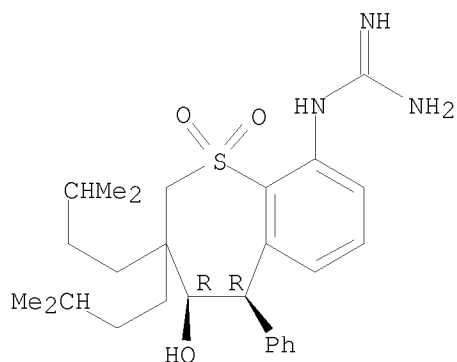


RN 1064584-08-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

10/590,458

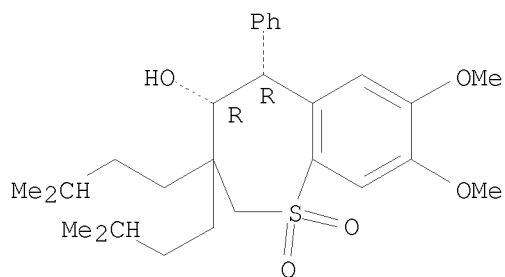
Absolute stereochemistry.



RN 1064584-09-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-dimethoxy-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

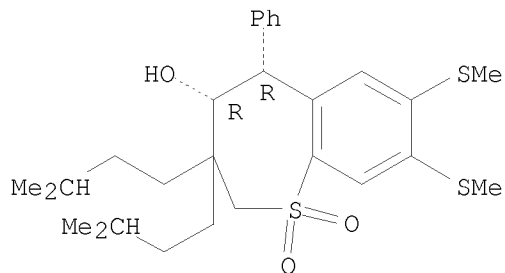
Absolute stereochemistry.



RN 1064584-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7,8-bis(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

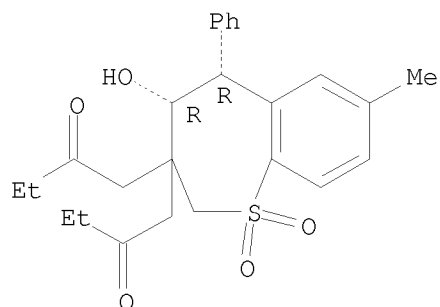


RN 1064584-11-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

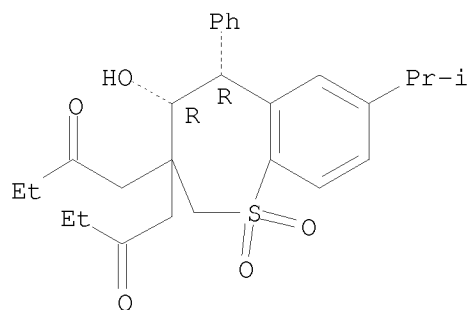
10/590,458

Absolute stereochemistry.



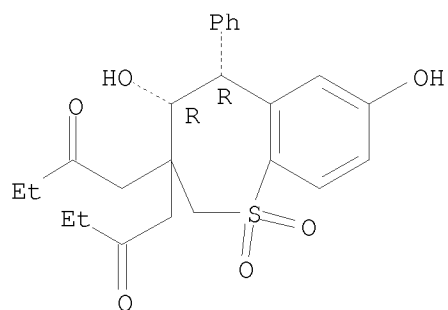
RN 1064584-12-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-13-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

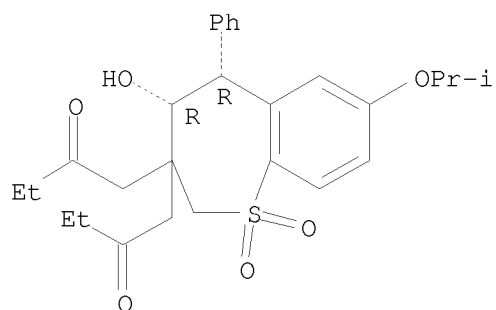
Absolute stereochemistry.



RN 1064584-14-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

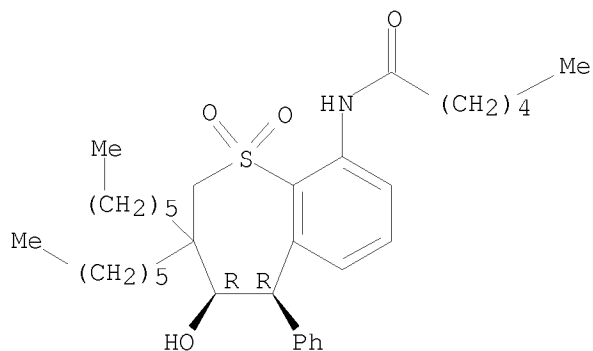
10/590,458



RN 1064584-15-1 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

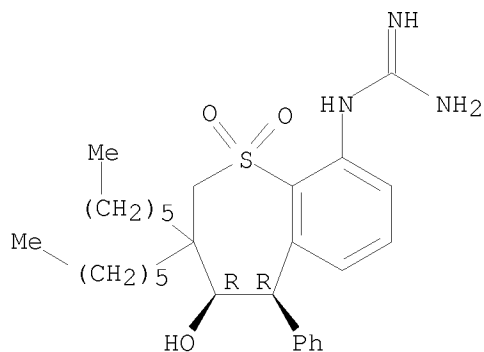
Absolute stereochemistry.



RN 1064584-16-2 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

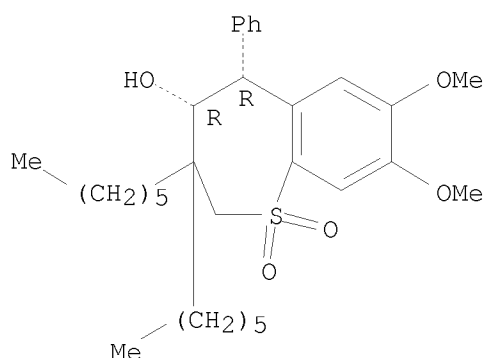
Absolute stereochemistry.



RN 1064584-17-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

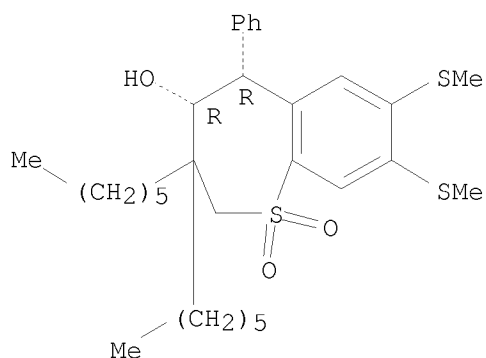
Absolute stereochemistry.



RN 1064584-18-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7,8-bis(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



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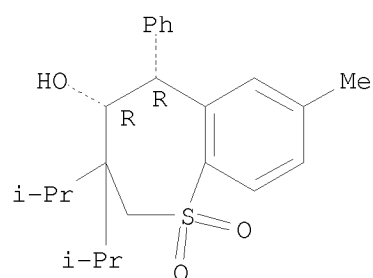
RL: PRPH (Prophetic)

(Mono- and di-fluorinated benzothiepinines as inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions and methods for preparation)

RN 1064584-19-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

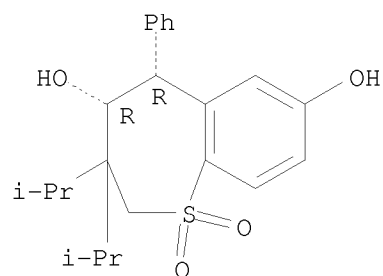
Absolute stereochemistry.



RN 1064584-20-8 CAPLUS

CN 1-Benzothiepin-4,7-diol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

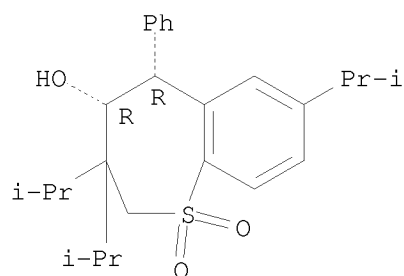


RN 1064584-21-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3,7-tris(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

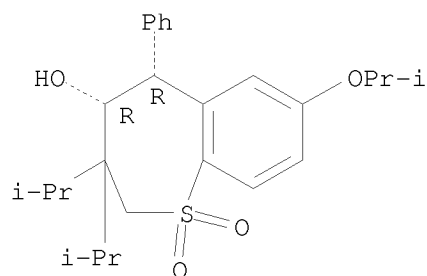
10/590,458



RN 1064584-22-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethoxy)-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

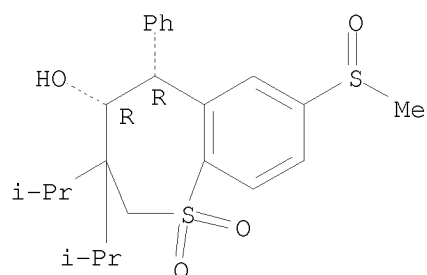
Absolute stereochemistry.



RN 1064584-23-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-7-(methanethio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

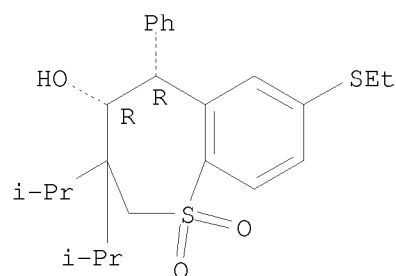


RN 1064584-24-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

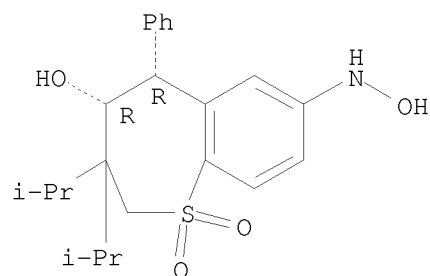
10/590,458



RN 1064584-25-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(hydroxyamino)-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

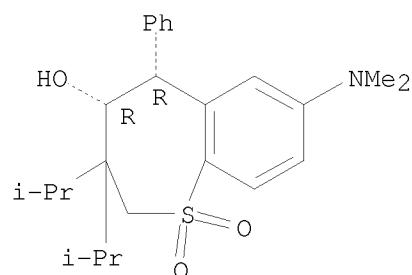
Absolute stereochemistry.



RN 1064584-26-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

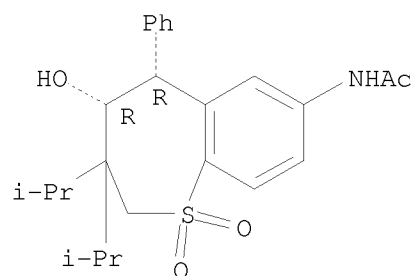


RN 1064584-27-5 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

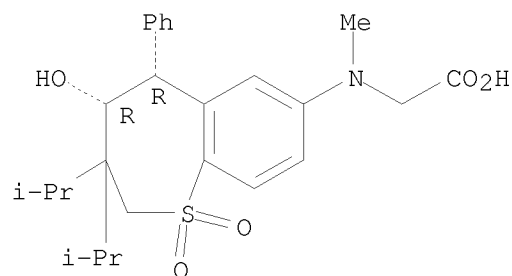
10/590,458



RN 1064584-28-6 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

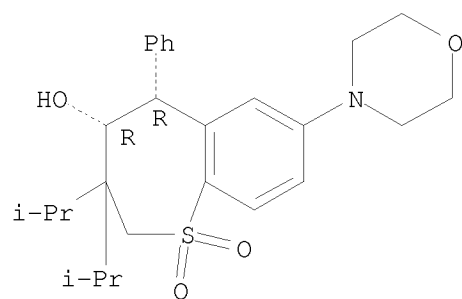
Absolute stereochemistry.



RN 1064584-29-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-7-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

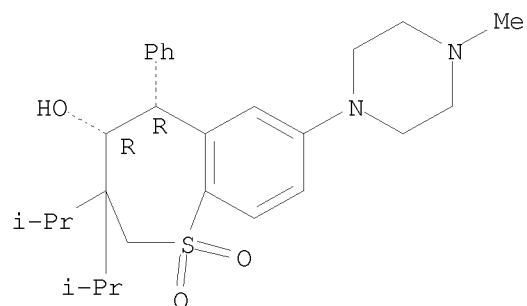


RN 1064584-30-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-7-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

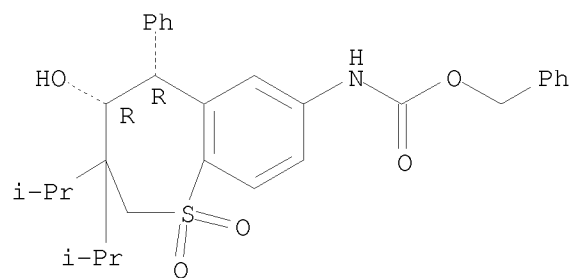
Absolute stereochemistry.

10/590,458



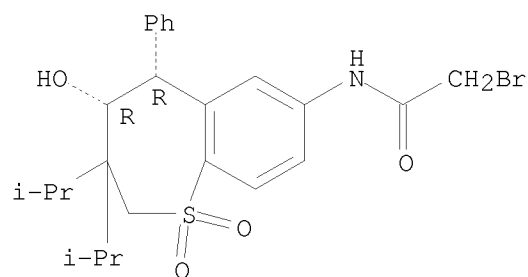
RN 1064584-31-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-32-2 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

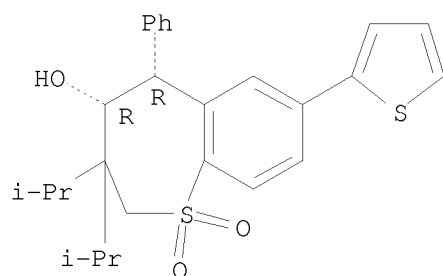
Absolute stereochemistry.



RN 1064584-34-4 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

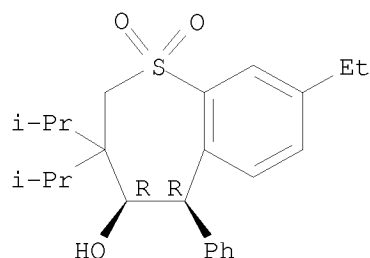
10/590,458



RN 1064584-35-5 CAPLUS

CN 1-Benzothiepin-4-ol, 8-ethyl-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

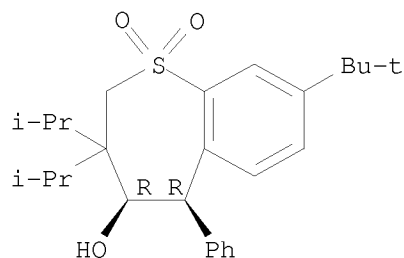
Absolute stereochemistry.



RN 1064584-36-6 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

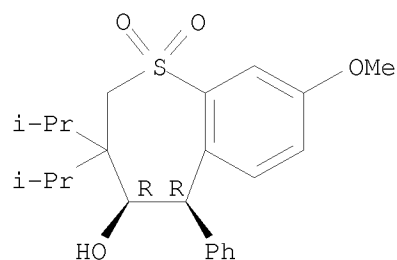


RN 1064584-37-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

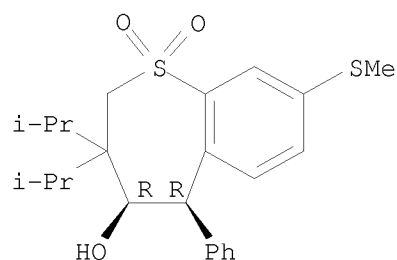
10/590,458



RN 1064584-38-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-8-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

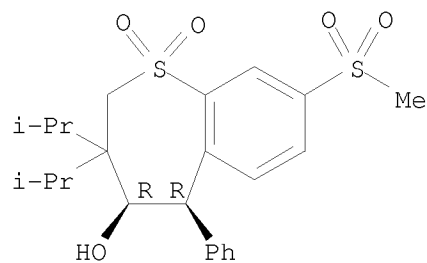
Absolute stereochemistry.



RN 1064584-39-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-8-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

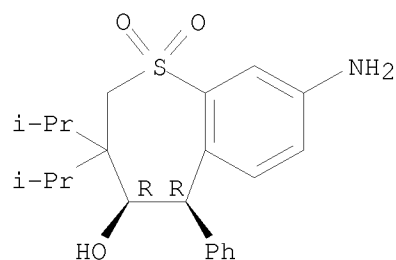


RN 1064584-40-2 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

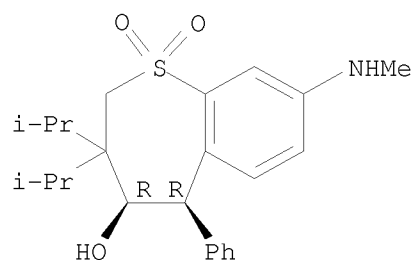
10/590,458



RN 1064584-41-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylamino)-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

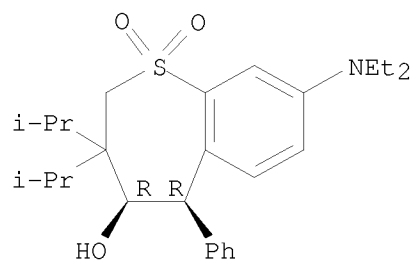
Absolute stereochemistry.



RN 1064584-42-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

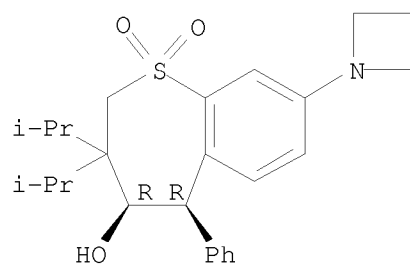


RN 1064584-43-5 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

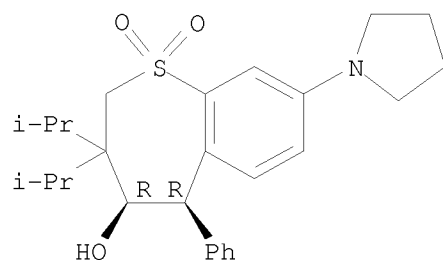
10/590,458



RN 1064584-44-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

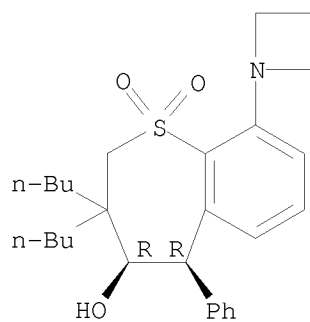
Absolute stereochemistry.



RN 1064584-45-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

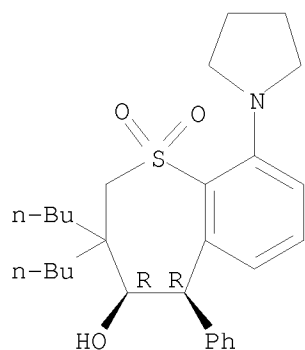


RN 1064584-46-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

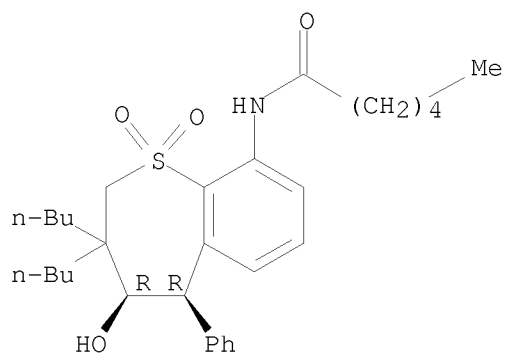
Absolute stereochemistry.

10/590,458



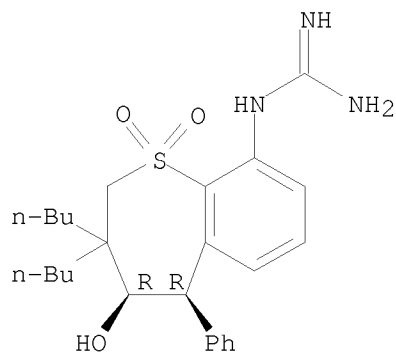
RN 1064584-48-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-49-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

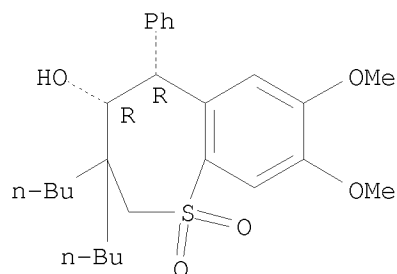
Absolute stereochemistry.



RN 1064584-50-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-
, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

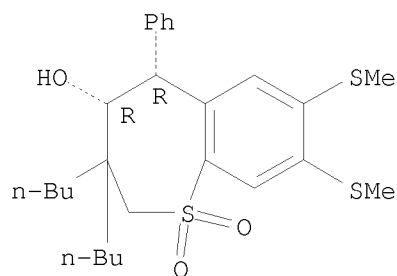
Absolute stereochemistry.



RN 1064584-52-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7,8-bis(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

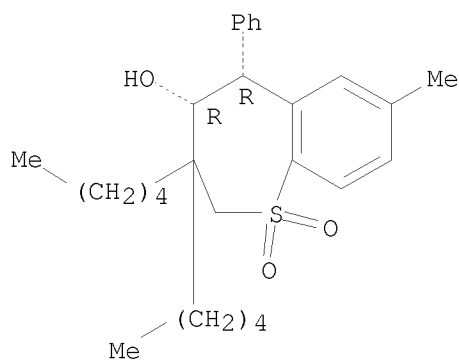
Absolute stereochemistry.



RN 1064584-54-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

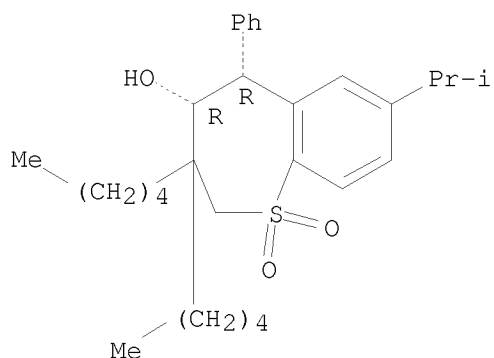


RN 1064584-55-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

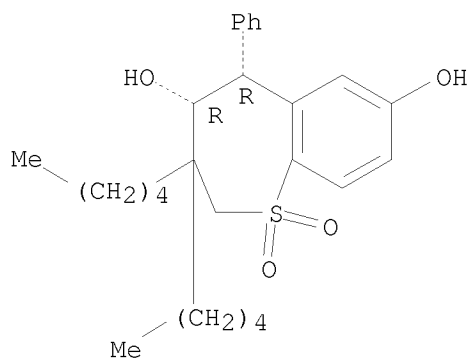
Absolute stereochemistry.



RN 1064584-56-0 CAPLUS

CN 1-Benzothiepin-4,7-diol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

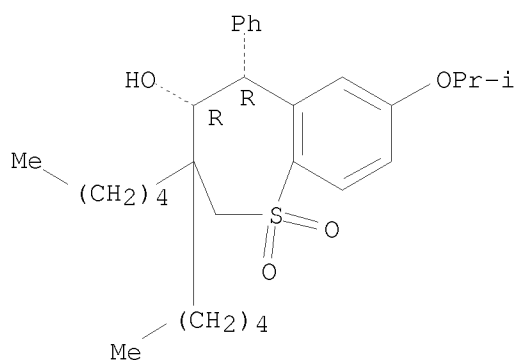


RN 1064584-57-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethoxy)-3,3-dipentyl-5-
phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

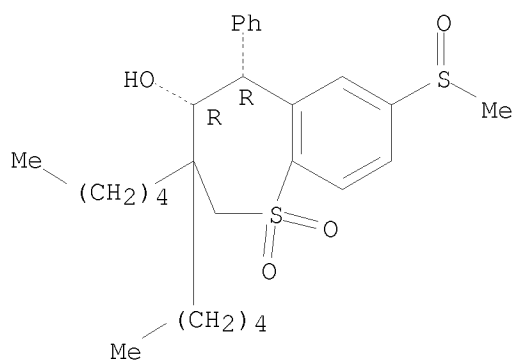
10/590,458



RN 1064584-58-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylsulfinyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

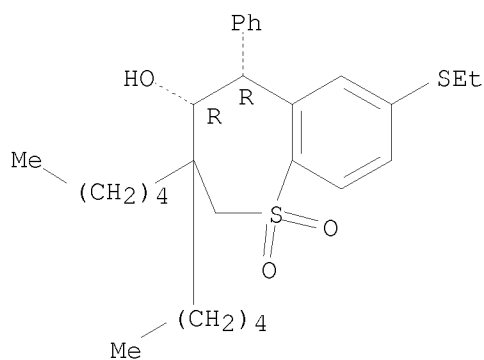
Absolute stereochemistry.



RN 1064584-59-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(ethylthio)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

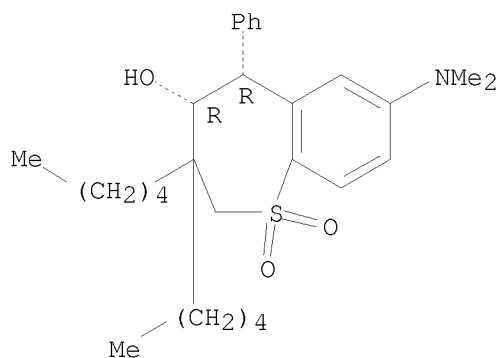


10/590,458

RN 1064584-60-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

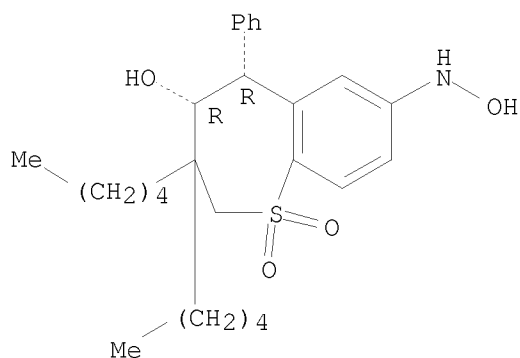
Absolute stereochemistry.



RN 1064584-61-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(hydroxyamino)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

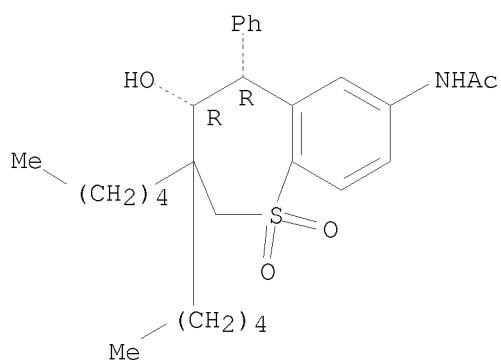


RN 1064584-62-8 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

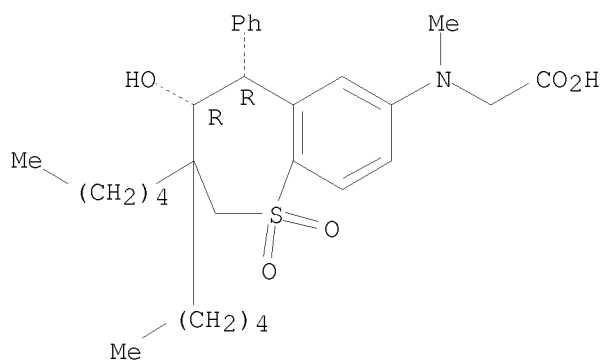
10/590,458



RN 1064584-63-9 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

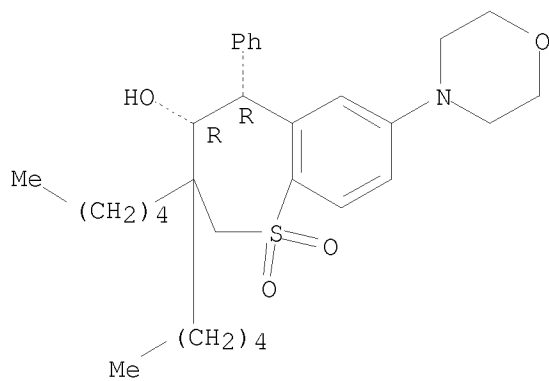
Absolute stereochemistry.



RN 1064584-64-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(4-morpholinyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

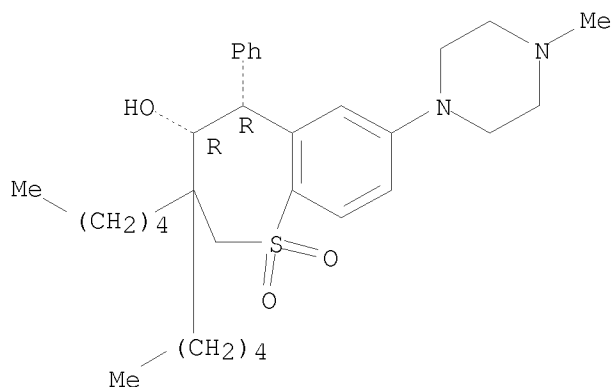


10/590,458

RN 1064584-65-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

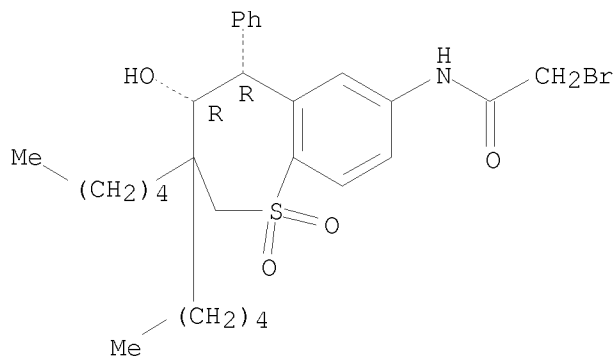
Absolute stereochemistry.



RN 1064584-66-2 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

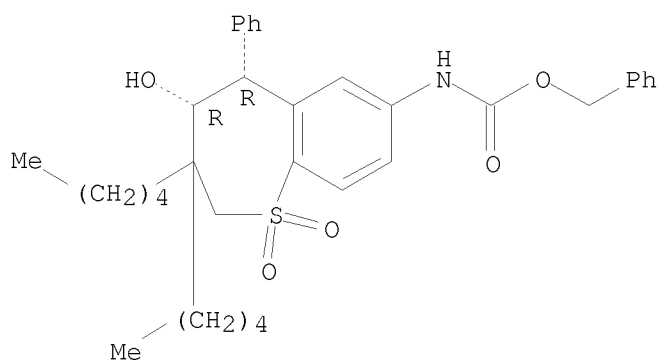


RN 1064584-67-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

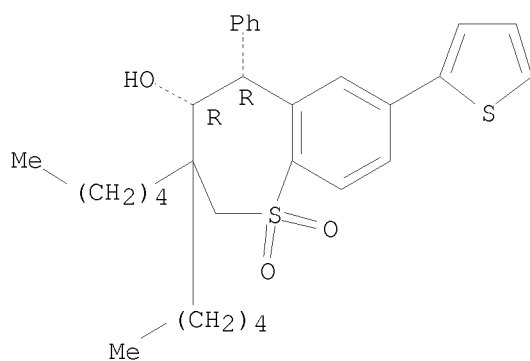
10/590,458



RN 1064584-68-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

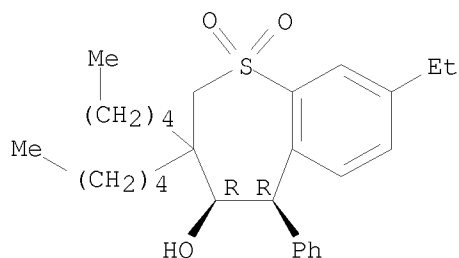
Absolute stereochemistry.



RN 1064584-69-5 CAPLUS

CN 1-Benzothiepin-4-ol, 8-ethyl-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

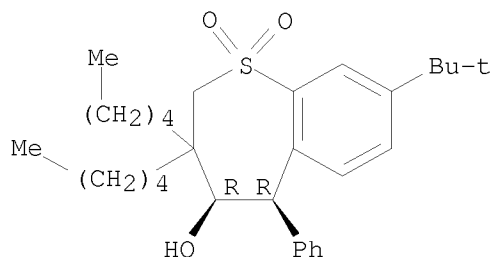


RN 1064584-70-8 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

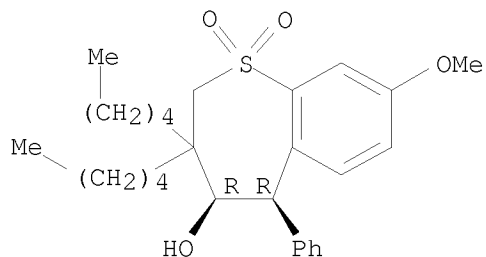
10/590,458

Absolute stereochemistry.



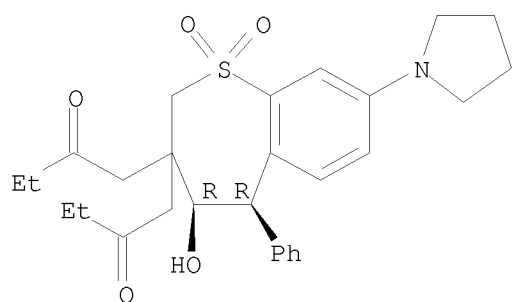
RN 1064584-71-9 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-3,3-dipentyl-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064584-72-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

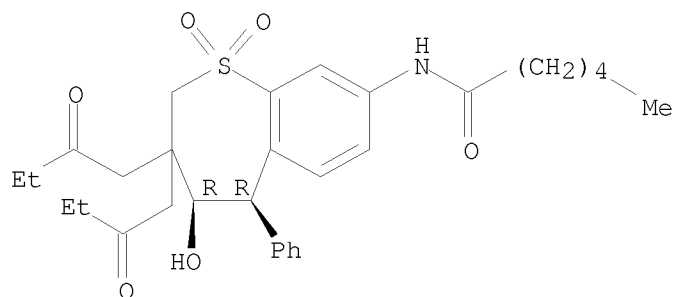
Absolute stereochemistry.



RN 1064584-73-1 CAPLUS
CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

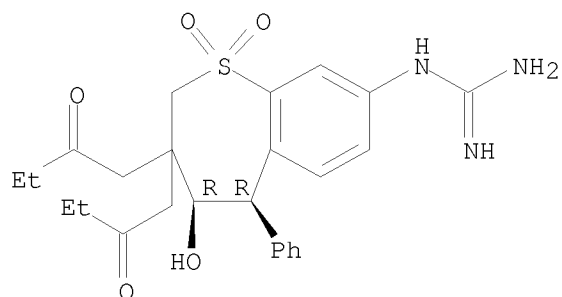
10/590,458



RN 1064584-74-2 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

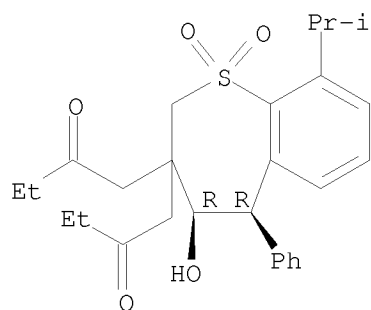
Absolute stereochemistry.



RN 1064584-75-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

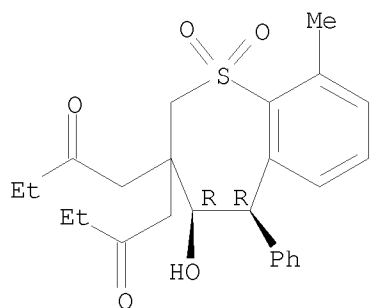


RN 1064584-76-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

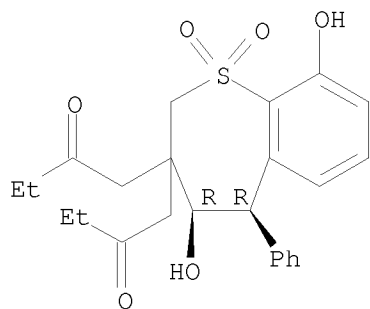
Absolute stereochemistry.

10/590,458



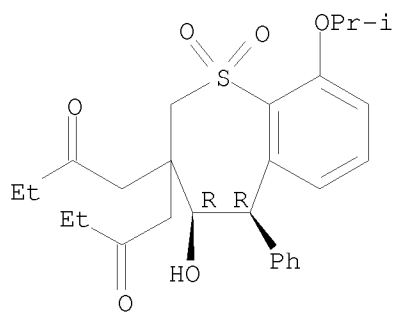
RN 1064584-78-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-79-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

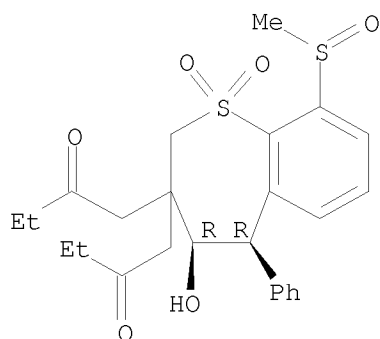
Absolute stereochemistry.



RN 1064584-80-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

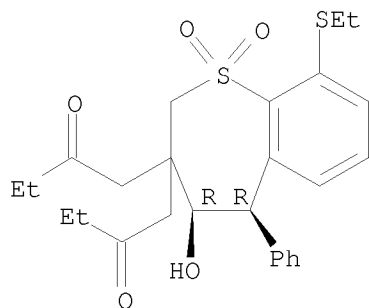
Absolute stereochemistry.

10/590,458



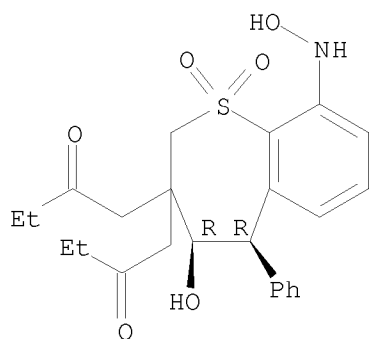
RN 1064584-81-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-82-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

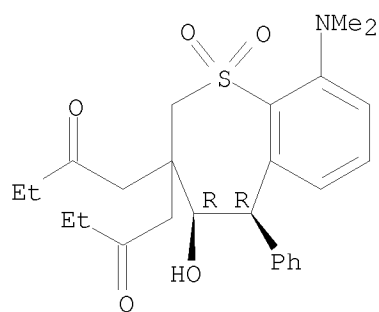
Absolute stereochemistry.



RN 1064584-83-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

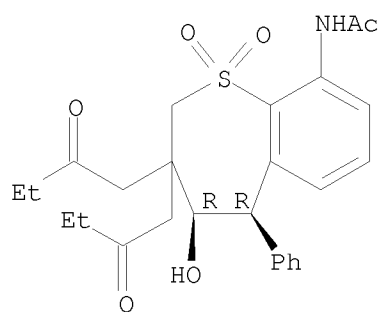
Absolute stereochemistry.

10/590,458



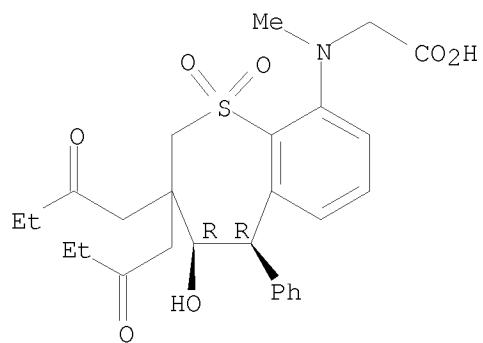
RN 1064584-84-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-85-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

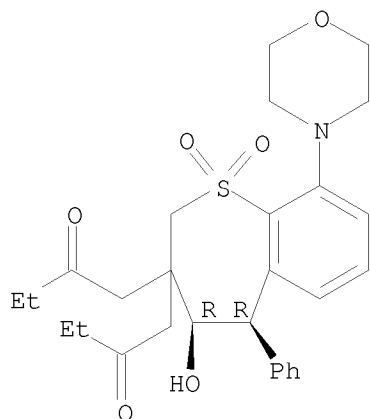
Absolute stereochemistry.



RN 1064584-86-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

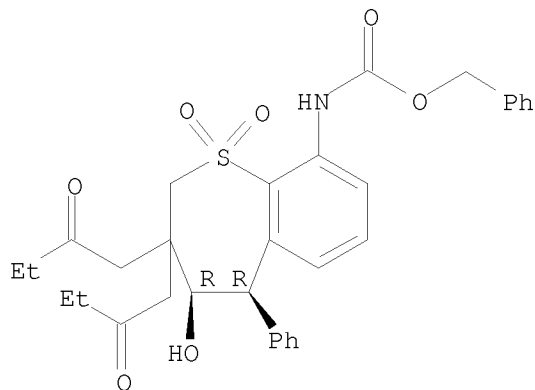
Absolute stereochemistry.

10/590,458



RN 1064584-87-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

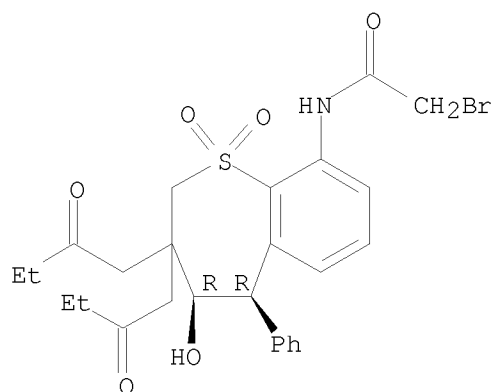
Absolute stereochemistry.



RN 1064584-88-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

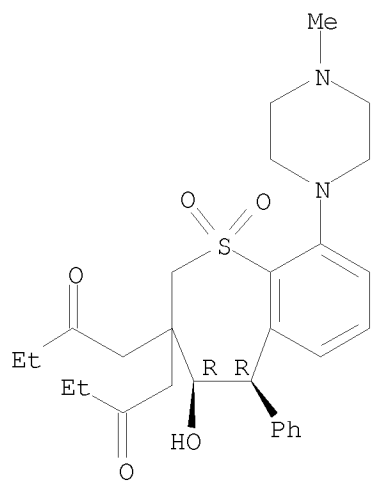
Absolute stereochemistry.

10/590,458



RN 1064584-89-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

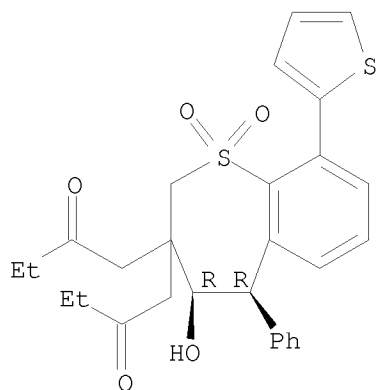
Absolute stereochemistry.



RN 1064584-90-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

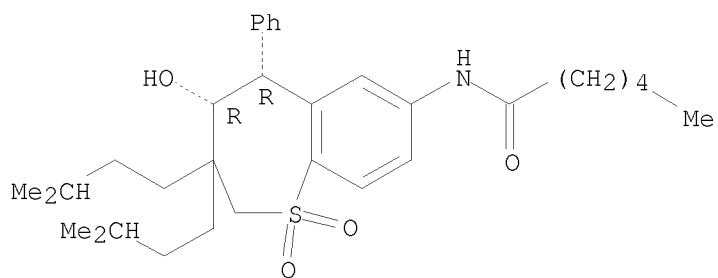
Absolute stereochemistry.

10/590,458



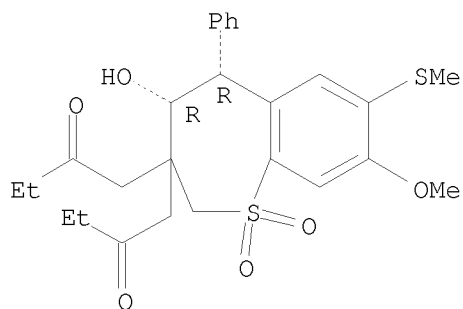
RN 1064584-91-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064584-92-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

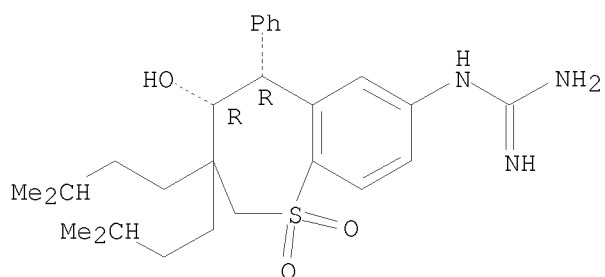
Absolute stereochemistry.



RN 1064584-93-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

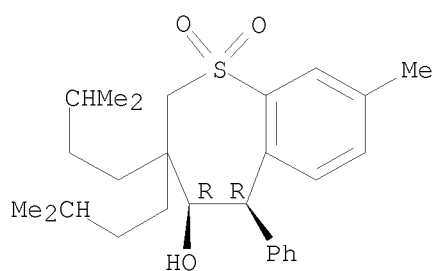
10/590,458



RN 1064584-94-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

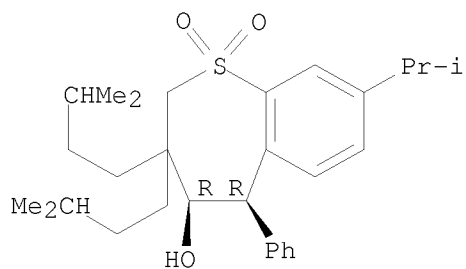
Absolute stereochemistry.



RN 1064584-95-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-8-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

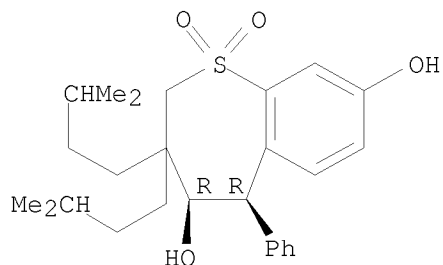


RN 1064584-96-8 CAPLUS

CN 1-Benzothiepin-4,8-diol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

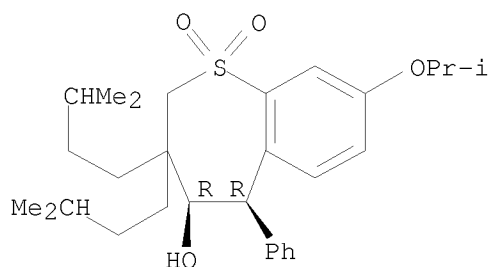
10/590,458



RN 1064584-97-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-8-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

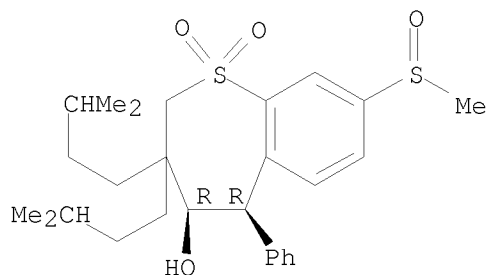
Absolute stereochemistry.



RN 1064584-98-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-8-(methyldisulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

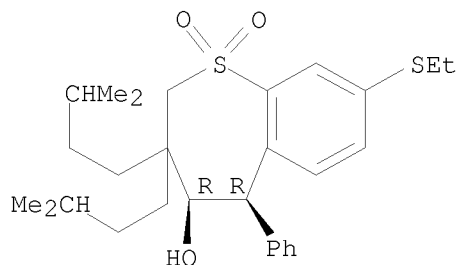


RN 1064584-99-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

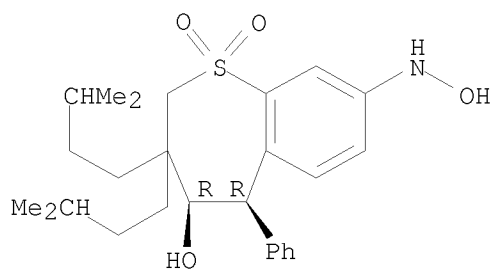
10/590,458



RN 1064585-00-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(hydroxyamino)-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

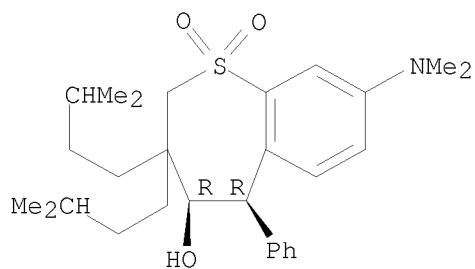
Absolute stereochemistry.



RN 1064585-01-8 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

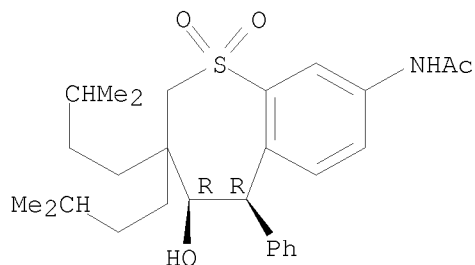


RN 1064585-02-9 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

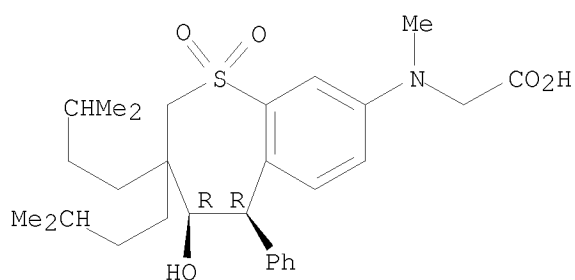
10/590,458



RN 1064585-03-0 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

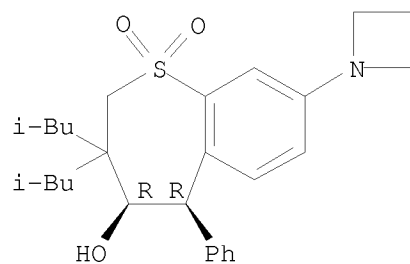
Absolute stereochemistry.



RN 1064585-04-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

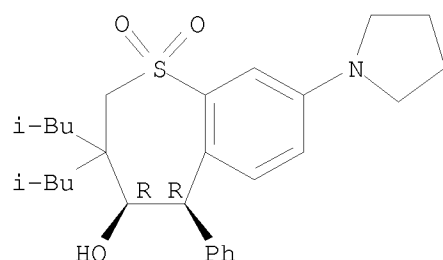


RN 1064585-05-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-8-(1-pyrrolidiny)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

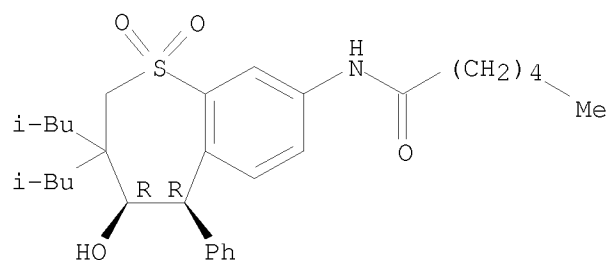
10/590,458



RN 1064585-06-3 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

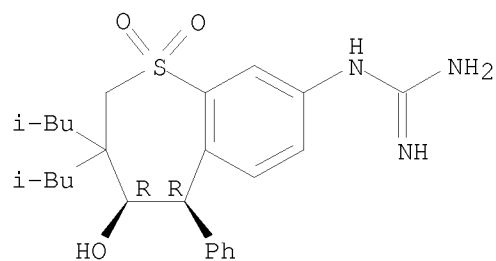
Absolute stereochemistry.



RN 1064585-07-4 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

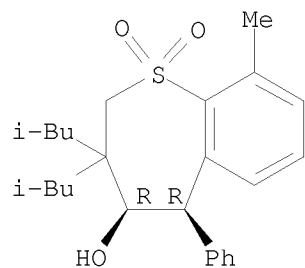


RN 1064585-08-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

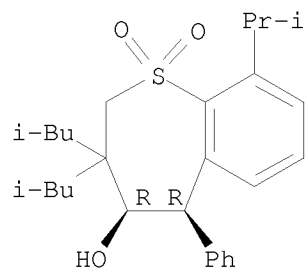
Absolute stereochemistry.

10/590,458



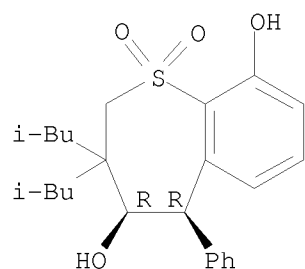
RN 1064585-09-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064585-10-9 CAPLUS
CN 1-Benzothiepin-4,9-diol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

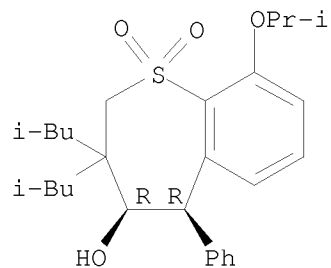
Absolute stereochemistry.



RN 1064585-11-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

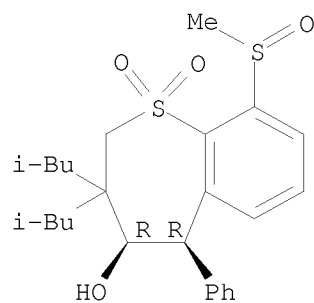
10/590,458



RN 1064585-12-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-9-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

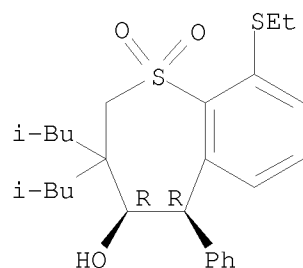
Absolute stereochemistry.



RN 1064585-13-2 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

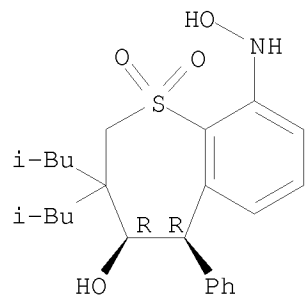


RN 1064585-14-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

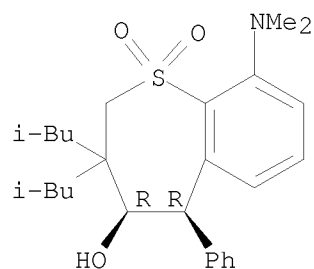
10/590,458



RN 1064585-15-4 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

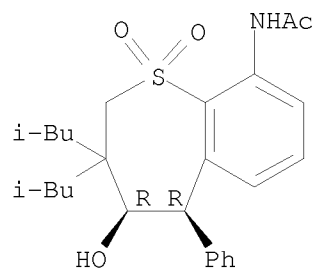
Absolute stereochemistry.



RN 1064585-16-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

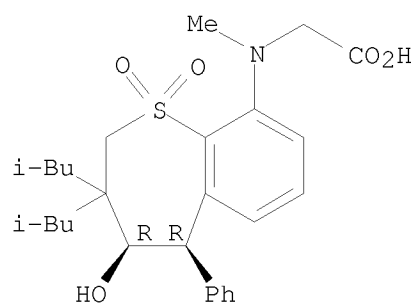


RN 1064585-17-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

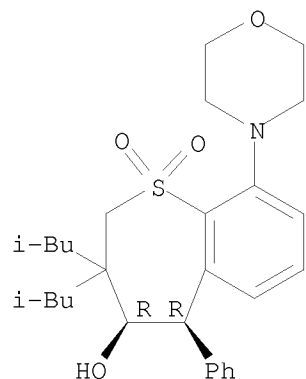
10/590,458



RN 1064585-18-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-9-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

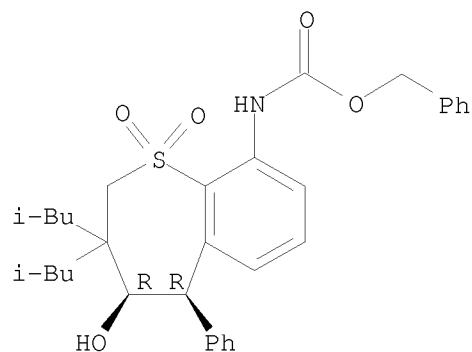
Absolute stereochemistry.



RN 1064585-19-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

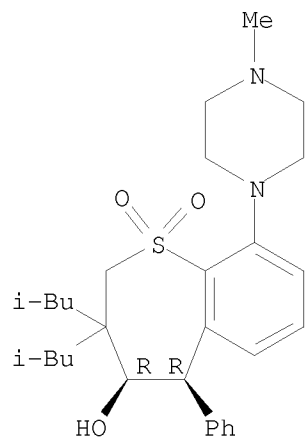


RN 1064585-20-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

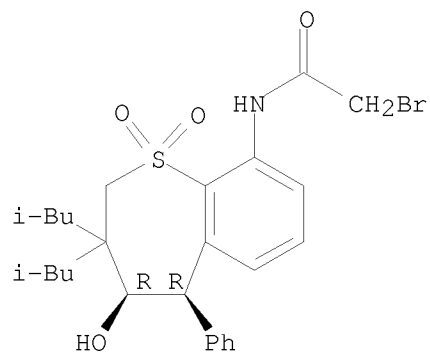
10/590,458

Absolute stereochemistry.



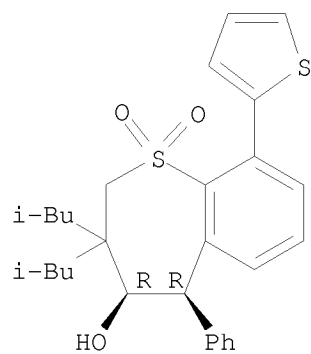
RN 1064585-21-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064585-22-3 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

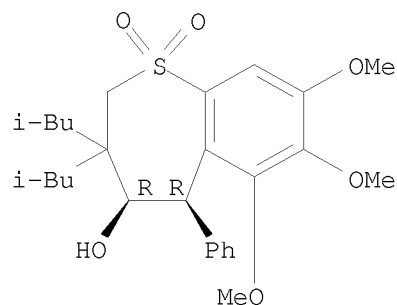


10/590,458

RN 1064585-23-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-6,7,8-trimethoxy-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

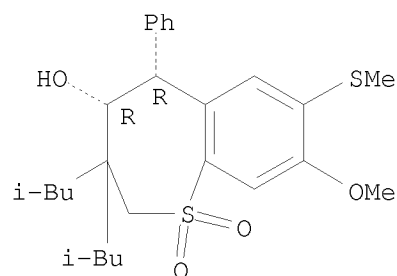
Absolute stereochemistry.



RN 1064585-24-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-3,3-bis(2-methylpropyl)-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

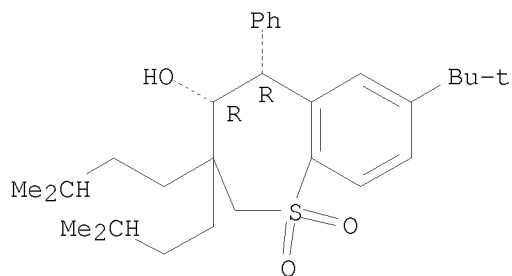
Absolute stereochemistry.



RN 1064585-25-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

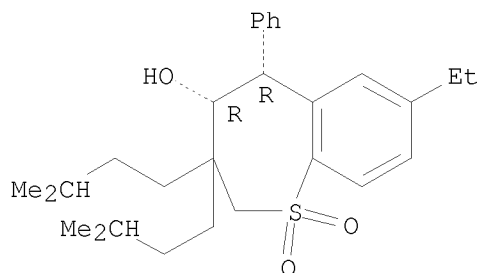


RN 1064585-26-7 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 7-ethyl-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

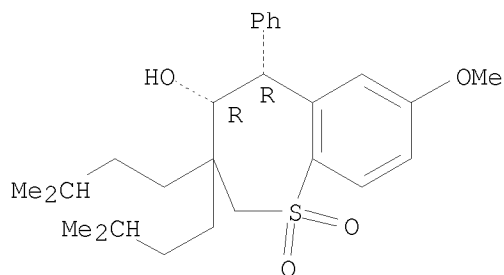
Absolute stereochemistry.



RN 1064585-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methoxy-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

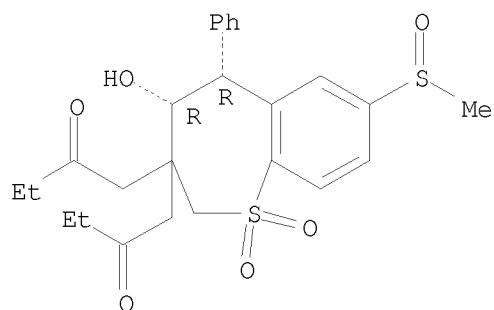
Absolute stereochemistry.



RN 1064585-28-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

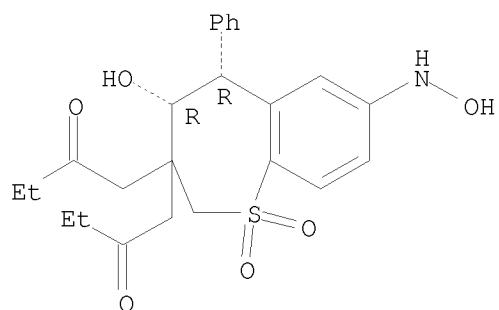


RN 1064585-29-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

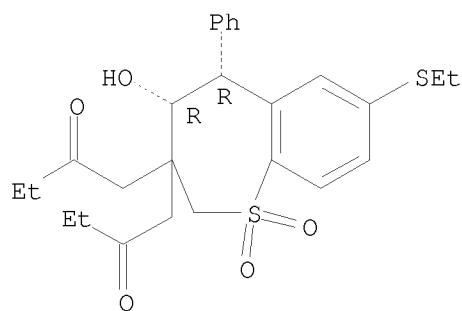
Absolute stereochemistry.

10/590,458



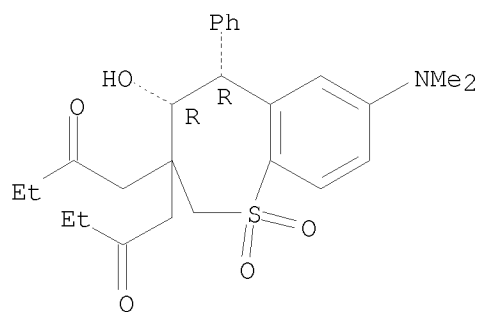
RN 1064585-30-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064585-31-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

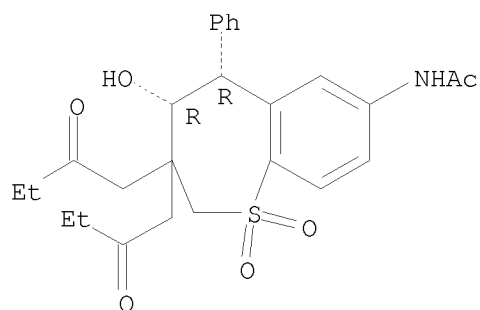
Absolute stereochemistry.



RN 1064585-32-5 CAPLUS
CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

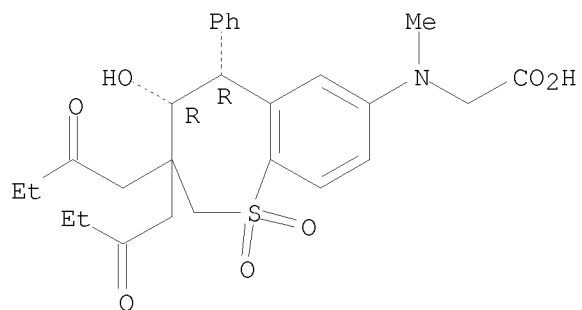
10/590,458



RN 1064585-33-6 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

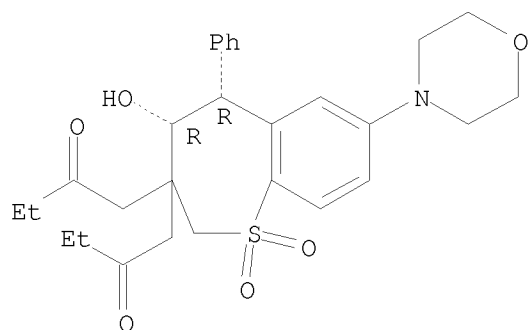
Absolute stereochemistry.



RN 1064585-34-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

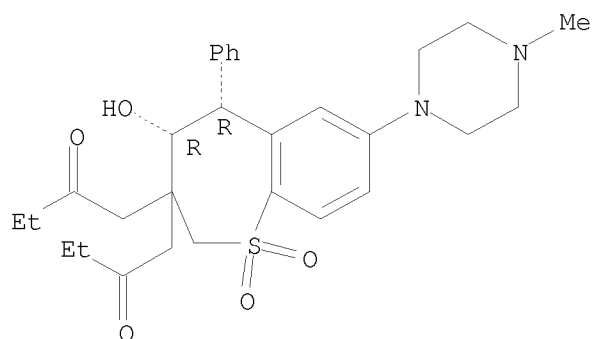


RN 1064585-35-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

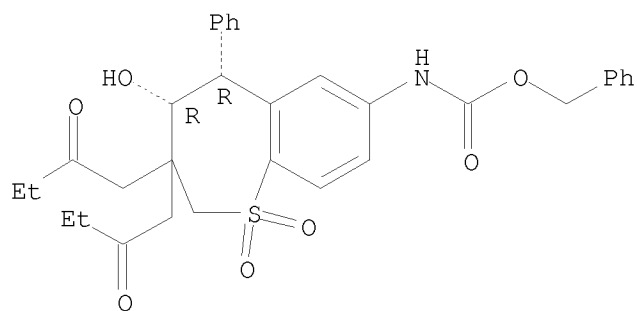
Absolute stereochemistry.

10/590,458



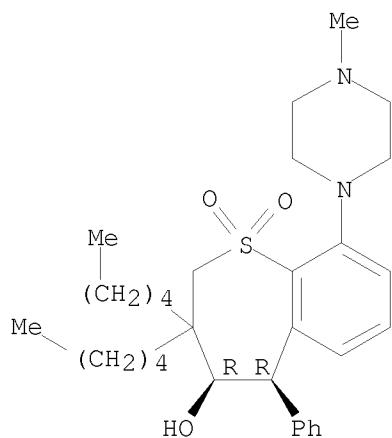
RN 1064585-36-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064585-37-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

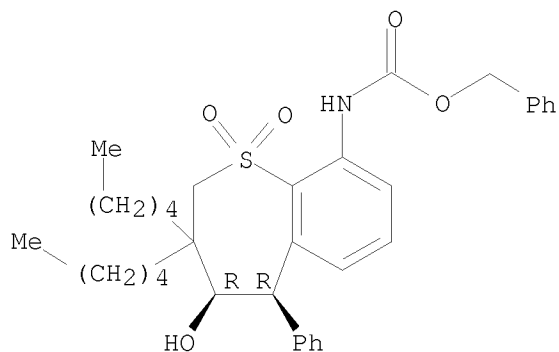
Absolute stereochemistry.



RN 1064585-38-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

10/590,458

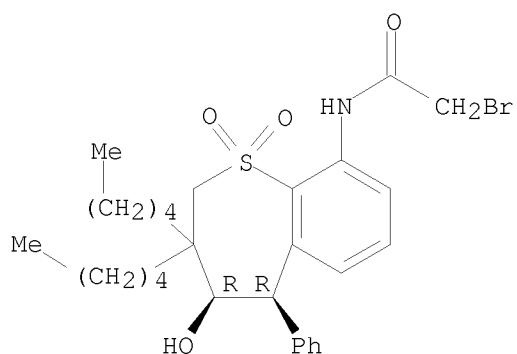
Absolute stereochemistry.



RN 1064585-39-2 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

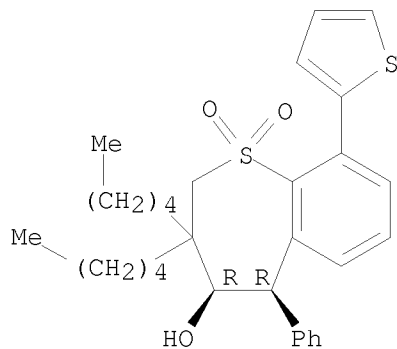
Absolute stereochemistry.



RN 1064585-40-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

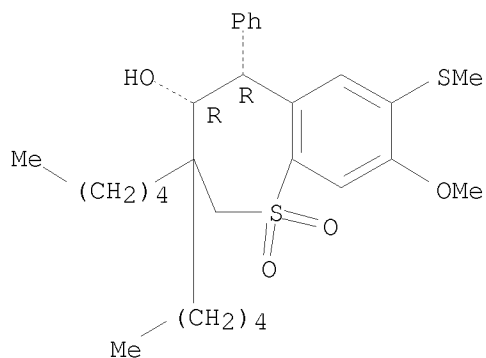


RN 1064585-41-6 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-7-(methylthio)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

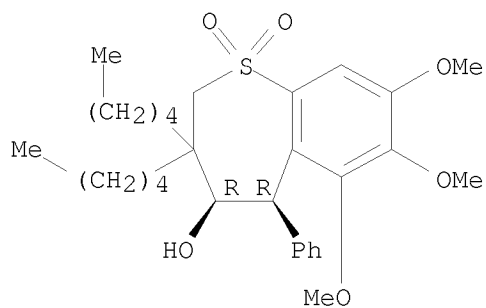
Absolute stereochemistry.



RN 1064585-42-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-6,7,8-trimethoxy-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

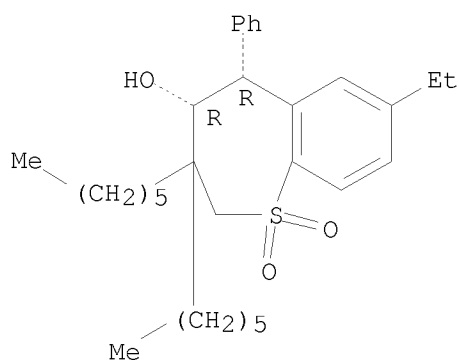


RN 1064585-43-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-ethyl-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

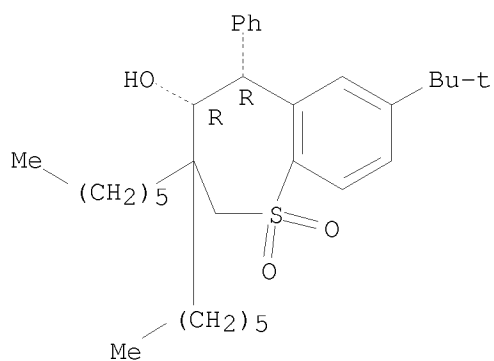
10/590,458



RN 1064585-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

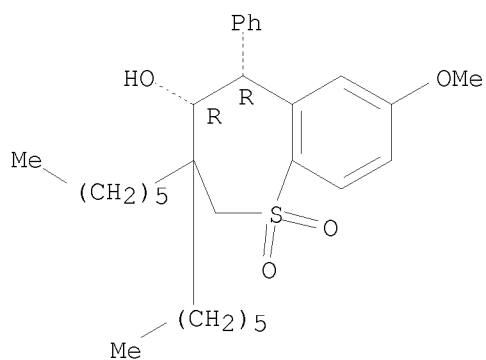
Absolute stereochemistry.



RN 1064585-45-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

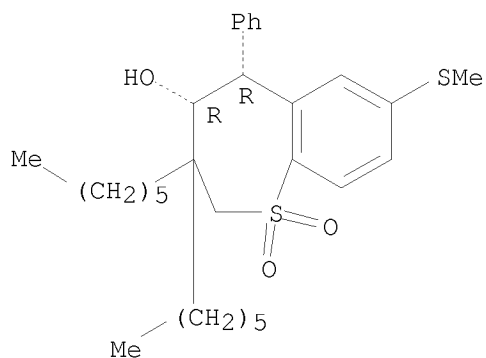


10/590,458

RN 1064585-46-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

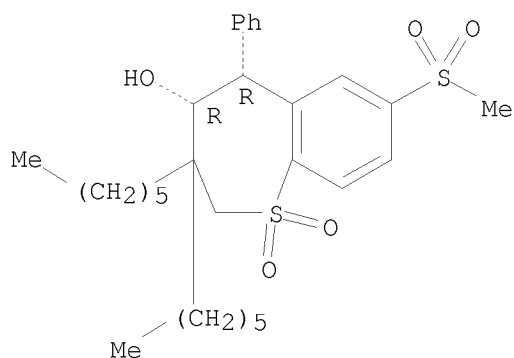
Absolute stereochemistry.



RN 1064585-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

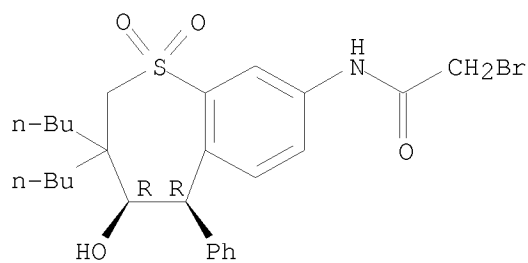


RN 1064585-49-4 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

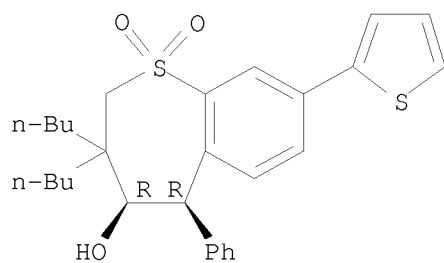
10/590,458



RN 1064585-50-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

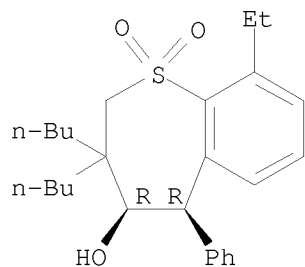
Absolute stereochemistry.



RN 1064585-51-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

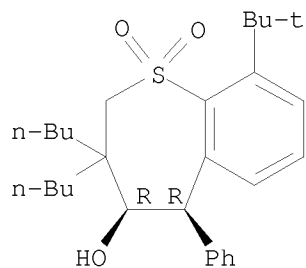


RN 1064585-52-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

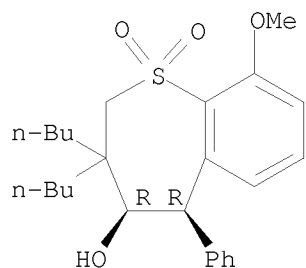
Absolute stereochemistry.

10/590,458



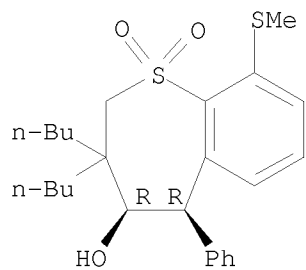
RN 1064585-53-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064585-54-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

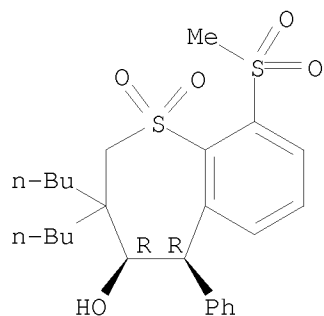
Absolute stereochemistry.



RN 1064585-55-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

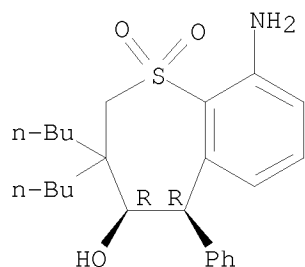
Absolute stereochemistry.

10/590,458



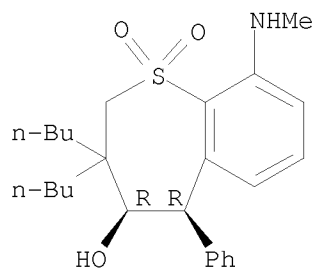
RN 1064585-56-3 CAPLUS
CN 1-Benzothiepin-4-ol, 9-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064585-57-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

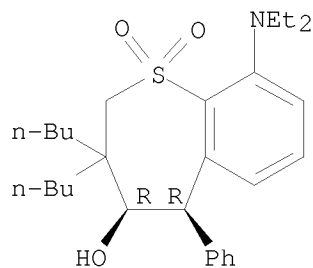
Absolute stereochemistry.



RN 1064585-58-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(diethylamino)-2,3,4,5-tetrahydro-5-
phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

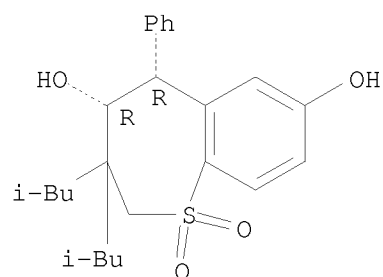
10/590,458



RN 1064585-59-6 CAPLUS

CN 1-Benzothiepin-4,7-diol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

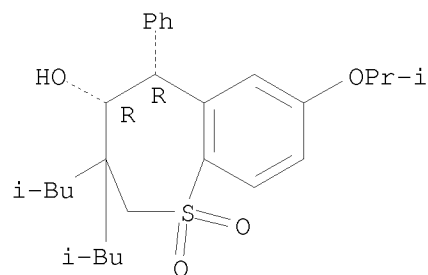
Absolute stereochemistry.



RN 1064585-60-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethoxy)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

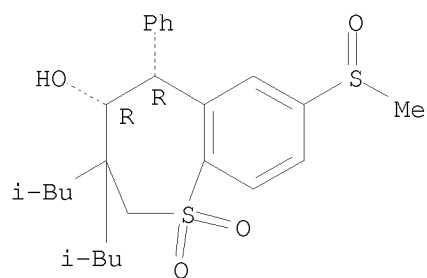


RN 1064585-61-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-7-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

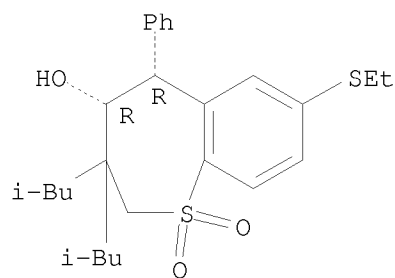
10/590,458



RN 1064585-62-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

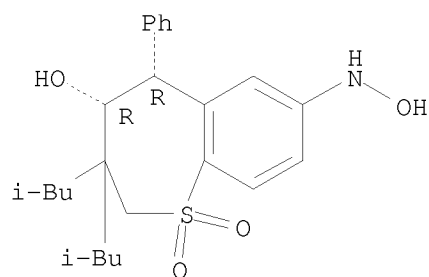
Absolute stereochemistry.



RN 1064585-63-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(hydroxyamino)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

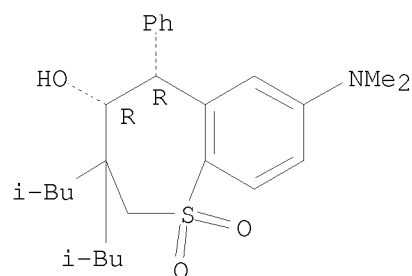


RN 1064585-64-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

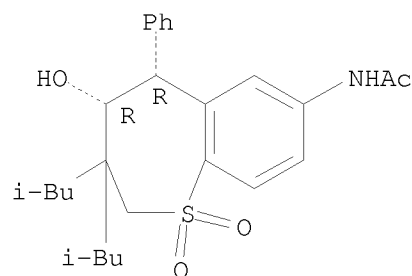
10/590,458



RN 1064585-65-4 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

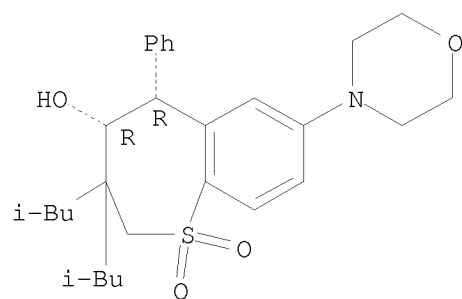
Absolute stereochemistry.



RN 1064585-66-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-7-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

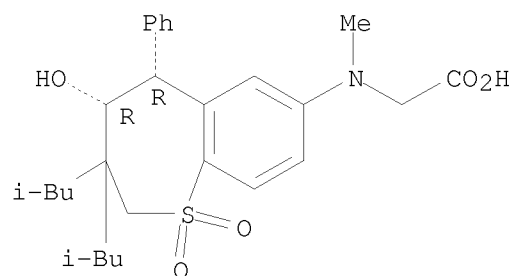


RN 1064585-67-6 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

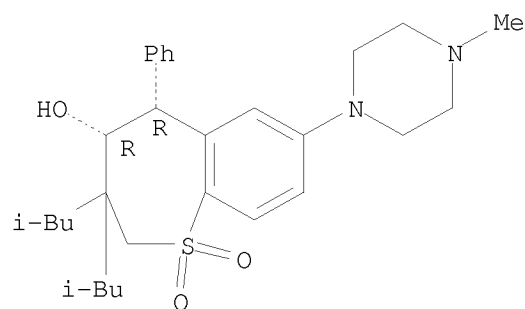
10/590,458



RN 1064585-68-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

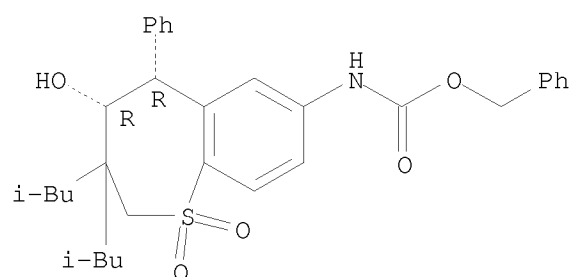
Absolute stereochemistry.



RN 1064585-69-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

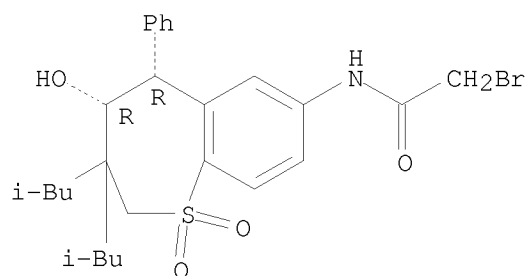


RN 1064585-70-1 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

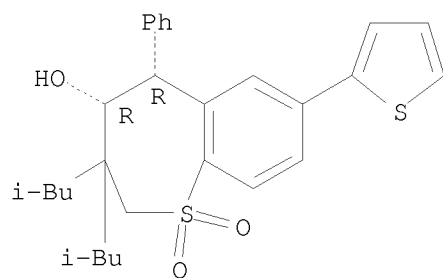
10/590,458



RN 1064585-71-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

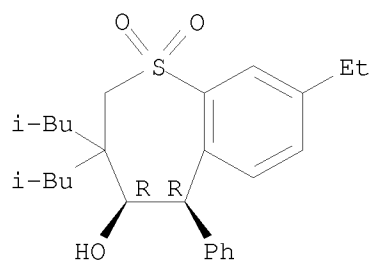
Absolute stereochemistry.



RN 1064585-72-3 CAPLUS

CN 1-Benzothiepin-4-ol, 8-ethyl-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

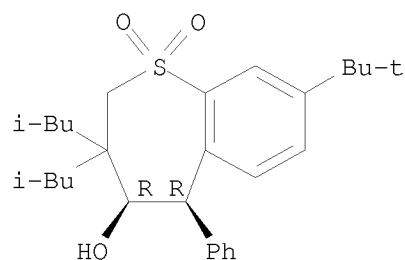


RN 1064585-73-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

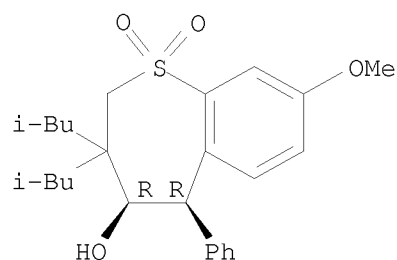
10/590,458



RN 1064585-74-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

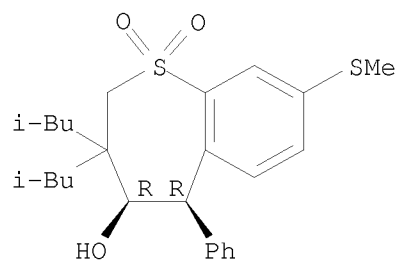
Absolute stereochemistry.



RN 1064585-75-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-8-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

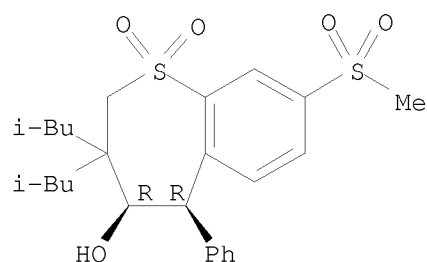


RN 1064585-76-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-8-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

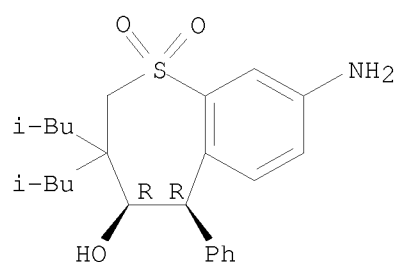
10/590,458



RN 1064585-77-8 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

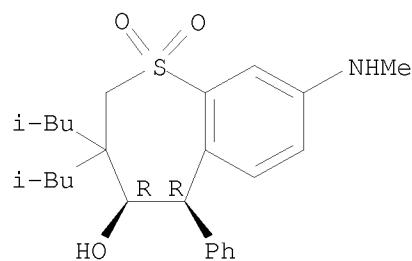
Absolute stereochemistry.



RN 1064585-78-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylamino)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

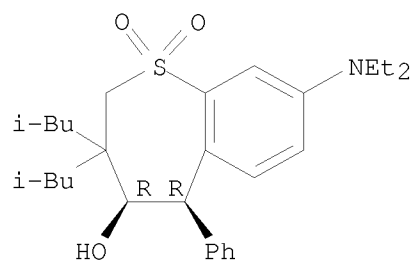


RN 1064585-79-0 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

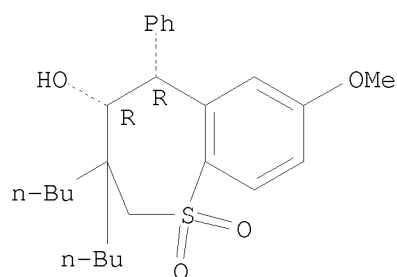
10/590,458



RN 1064585-80-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

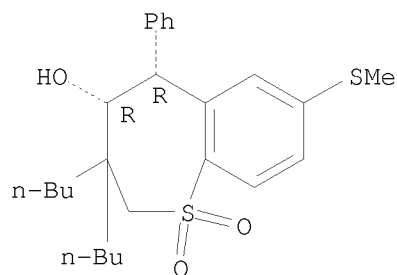
Absolute stereochemistry.



RN 1064585-81-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

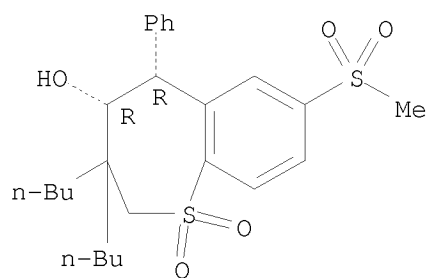


RN 1064585-82-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

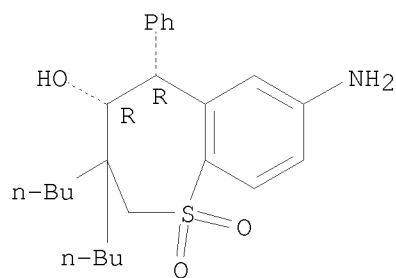
10/590,458



RN 1064585-83-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

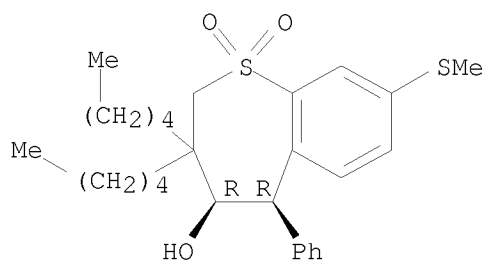
Absolute stereochemistry.



RN 1064585-84-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylthio)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

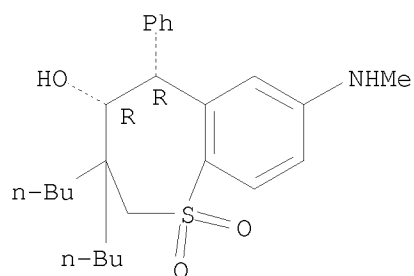


RN 1064585-85-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

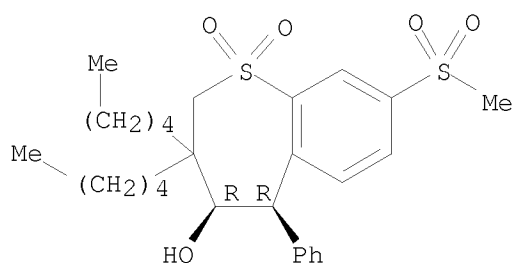
10/590,458



RN 1064585-86-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylsulfonyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

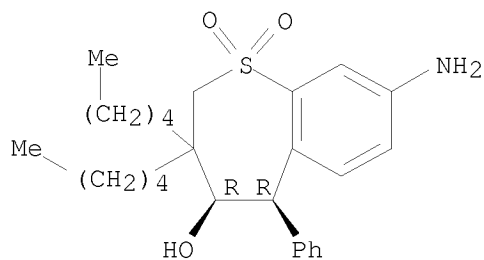
Absolute stereochemistry.



RN 1064585-87-0 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

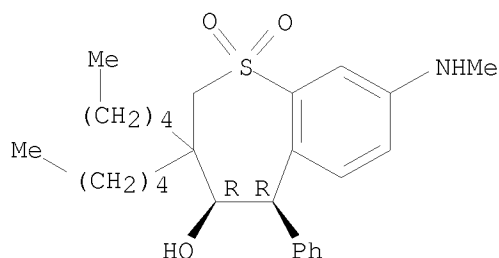


RN 1064585-88-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylamino)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

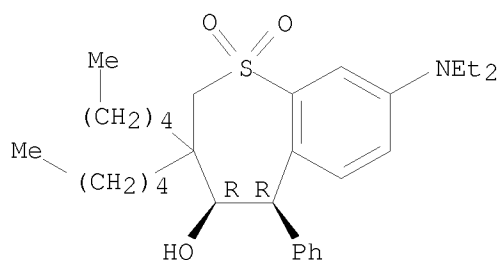
10/590,458



RN 1064585-89-2 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

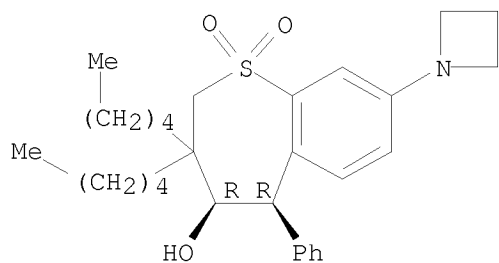
Absolute stereochemistry.



RN 1064585-90-5 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

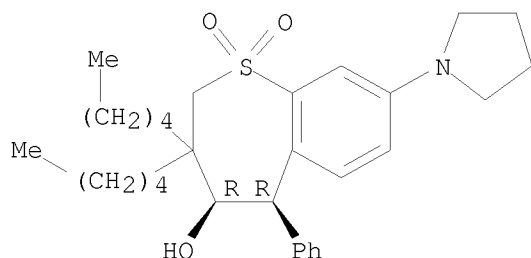


RN 1064585-91-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-8-(1-pyrrolidiny)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

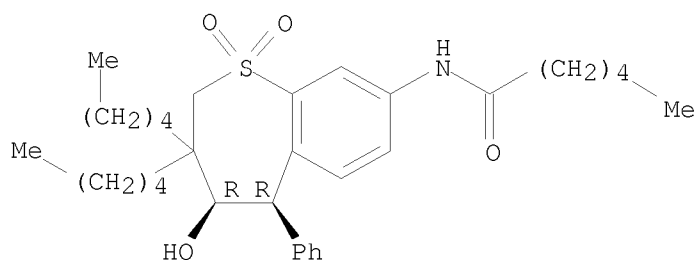
10/590,458



RN 1064585-92-7 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

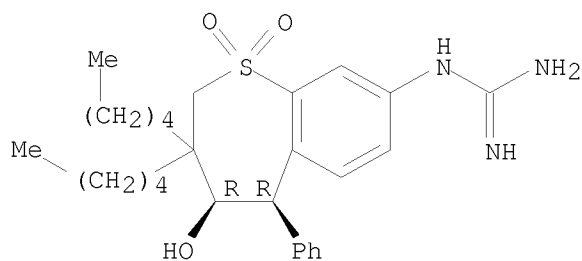
Absolute stereochemistry.



RN 1064585-93-8 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

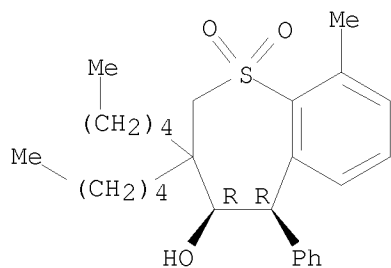


RN 1064585-94-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

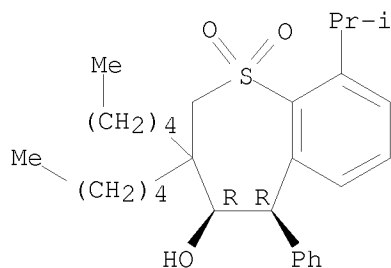
Absolute stereochemistry.

10/590,458



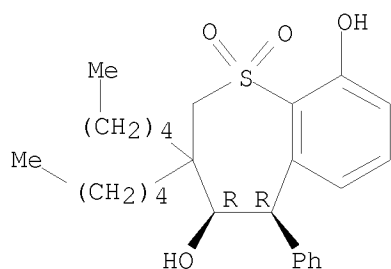
RN 1064585-95-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064585-96-1 CAPLUS
CN 1-Benzothiepin-4,9-diol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

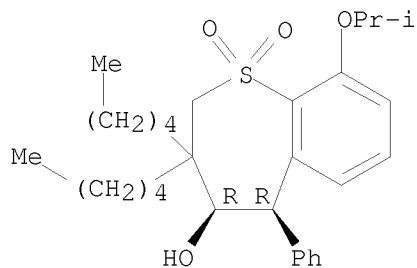
Absolute stereochemistry.



RN 1064585-97-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

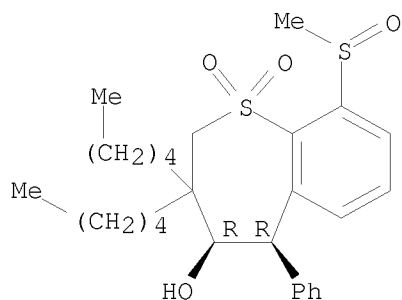
Absolute stereochemistry.

10/590,458



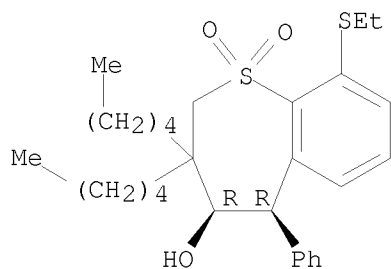
RN 1064585-98-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064585-99-4 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(ethylthio)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

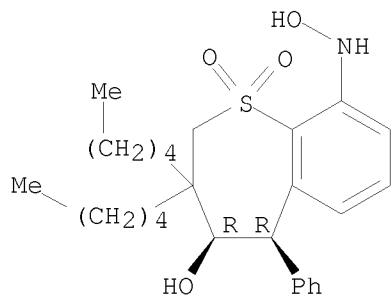
Absolute stereochemistry.



RN 1064586-00-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

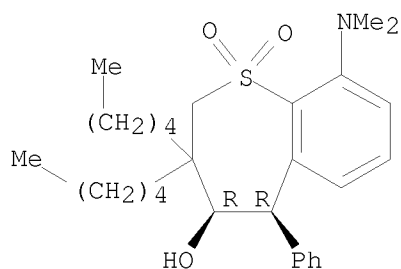
10/590,458



RN 1064586-01-1 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

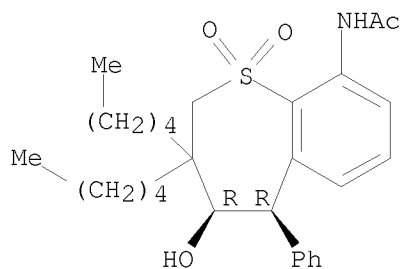
Absolute stereochemistry.



RN 1064586-02-2 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

Absolute stereochemistry.

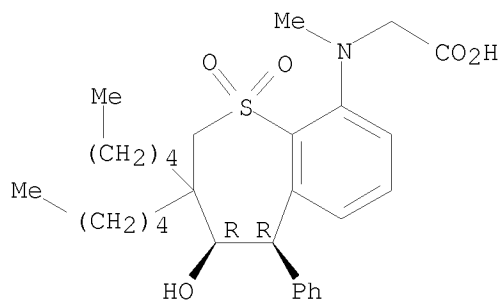


RN 1064586-03-3 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

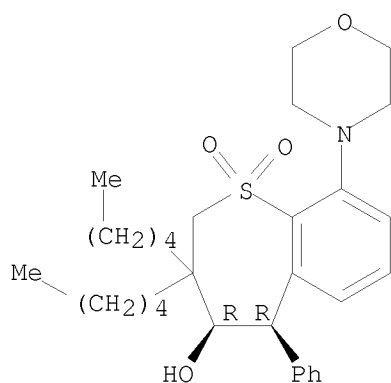
Absolute stereochemistry.

10/590,458



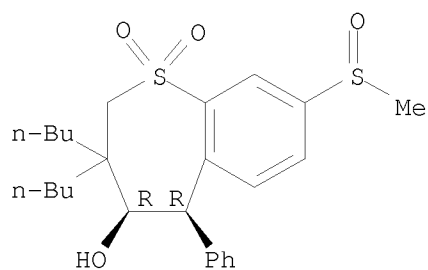
RN 1064586-04-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064586-05-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

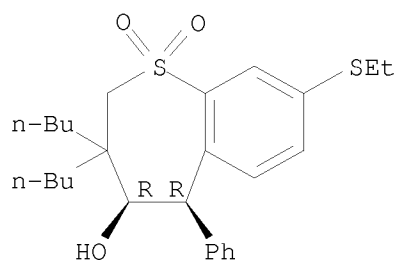
Absolute stereochemistry.



RN 1064586-06-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

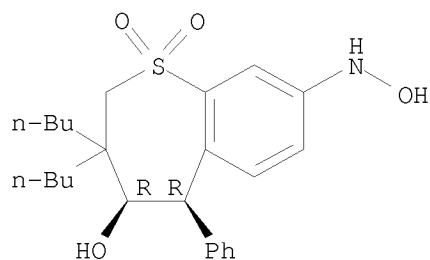
Absolute stereochemistry.

10/590,458



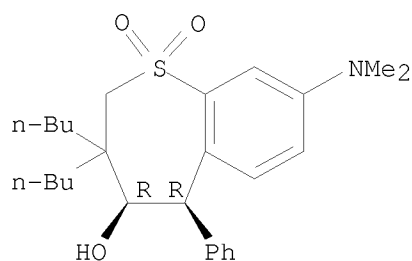
RN 1064586-07-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064586-08-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

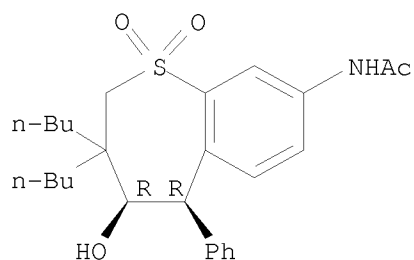
Absolute stereochemistry.



RN 1064586-09-9 CAPLUS
CN Acetamide, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

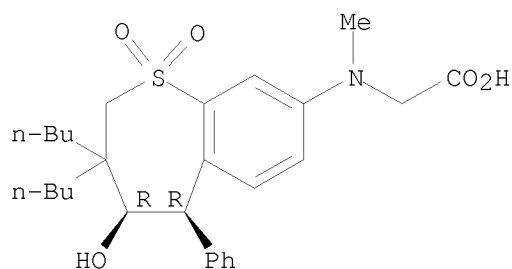
10/590,458



RN 1064586-10-2 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-N-methyl- (CA INDEX NAME)

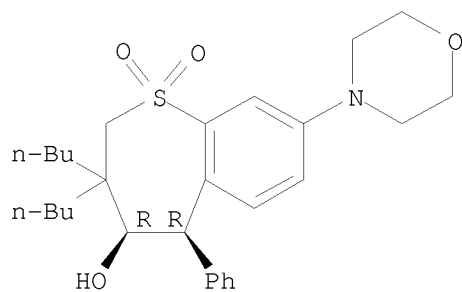
Absolute stereochemistry.



RN 1064586-11-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

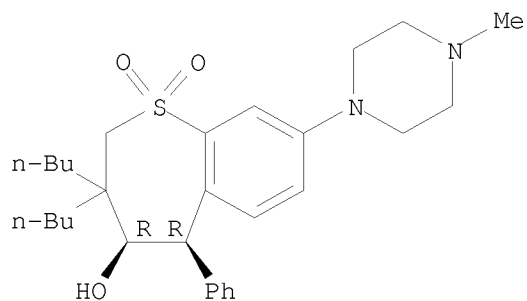


RN 1064586-12-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

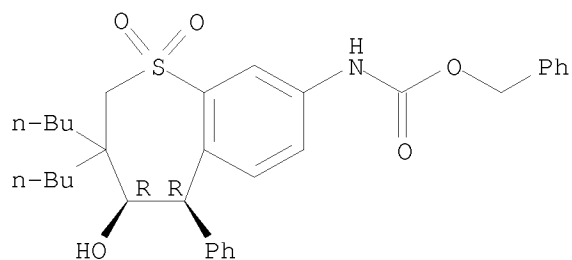
Absolute stereochemistry.

10/590,458



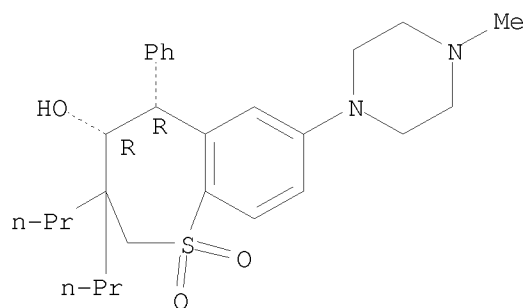
RN 1064586-13-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064586-14-6 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

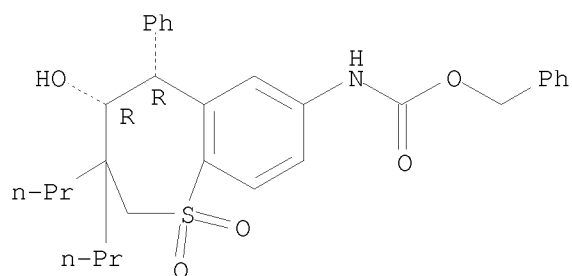
Absolute stereochemistry.



RN 1064586-15-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

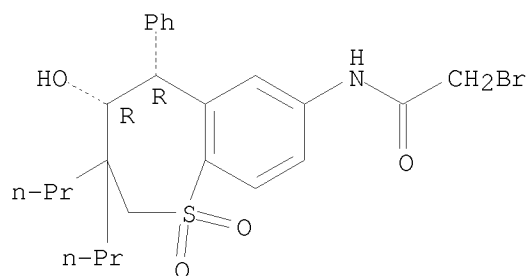
10/590,458



RN 1064586-16-8 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

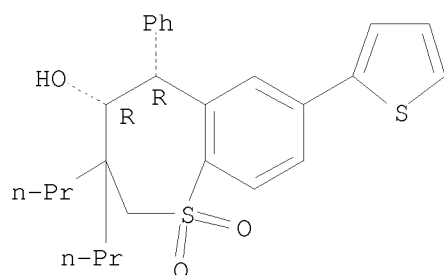
Absolute stereochemistry.



RN 1064586-17-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

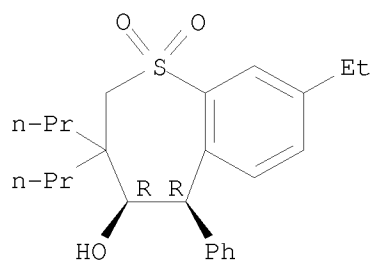


RN 1064586-18-0 CAPLUS

CN 1-Benzothiepin-4-ol, 8-ethyl-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

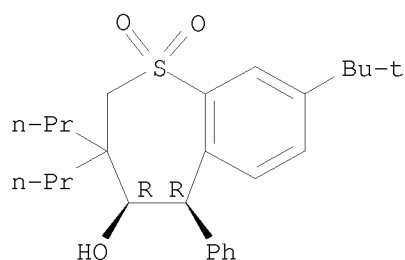
10/590,458



RN 1064586-19-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

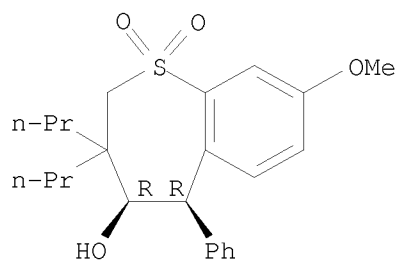
Absolute stereochemistry.



RN 1064586-20-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

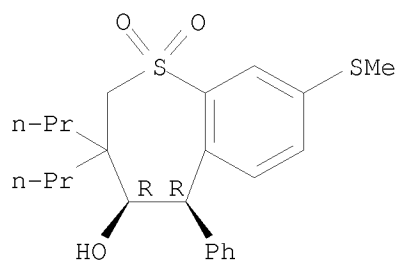


RN 1064586-21-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylthio)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

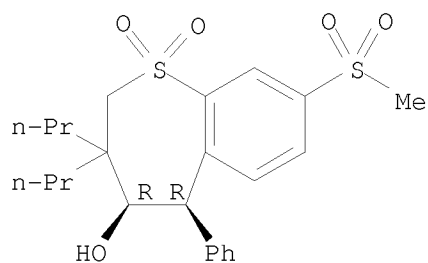
Absolute stereochemistry.

10/590,458



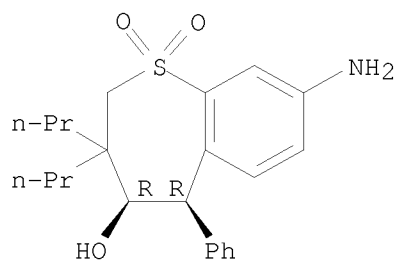
RN 1064586-22-6 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylsulfonyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064586-23-7 CAPLUS
CN 1-Benzothiepin-4-ol, 8-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

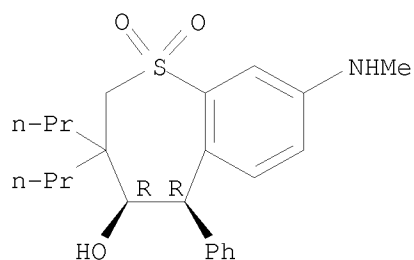
Absolute stereochemistry.



RN 1064586-24-8 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylamino)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

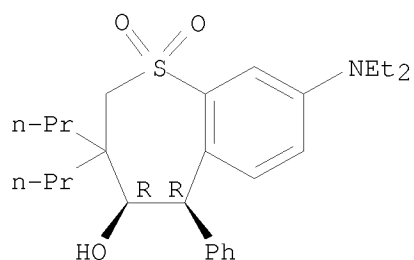
10/590,458



RN 1064586-25-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

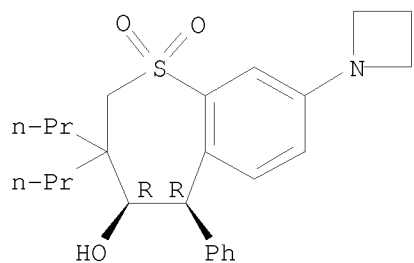
Absolute stereochemistry.



RN 1064586-26-0 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1-azetidiny)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

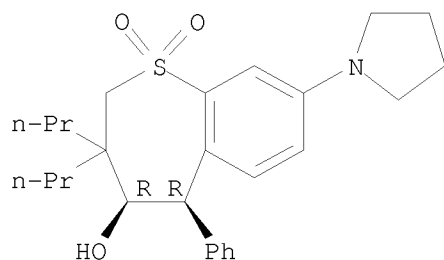


RN 1064586-27-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

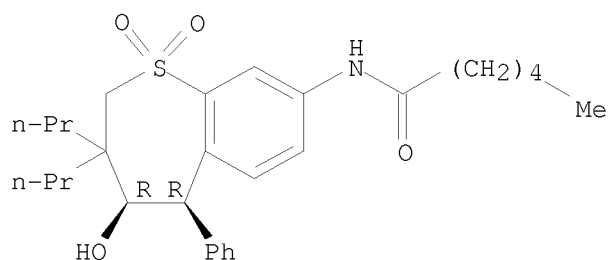
10/590,458



RN 1064586-28-2 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

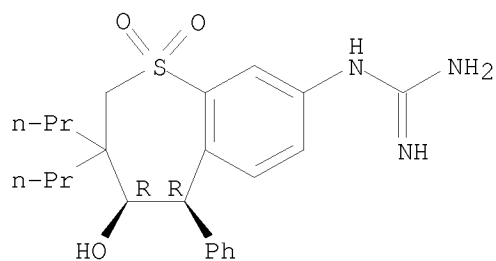
Absolute stereochemistry.



RN 1064586-29-3 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

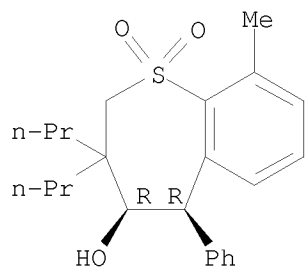


RN 1064586-30-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

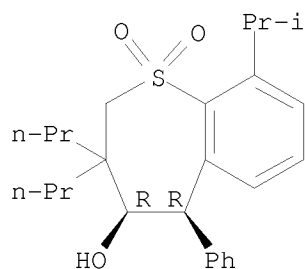
10/590,458



RN 1064586-31-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(1-methylethyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

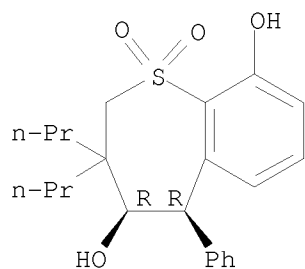
Absolute stereochemistry.



RN 1064586-32-8 CAPLUS

CN 1-Benzothiepin-4,9-diol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

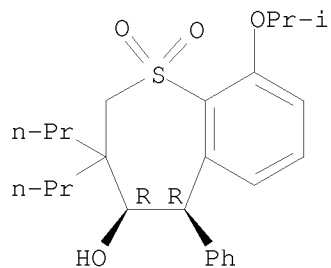


RN 1064586-33-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(1-methylethoxy)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

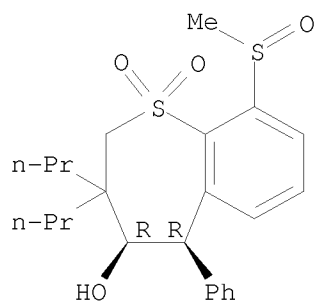
10/590,458



RN 1064586-34-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(methanesulfinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

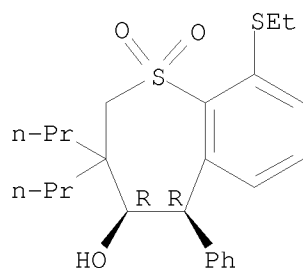
Absolute stereochemistry.



RN 1064586-35-1 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

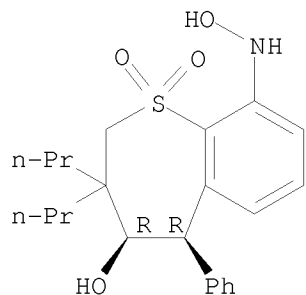


RN 1064586-36-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(hydroxyamino)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

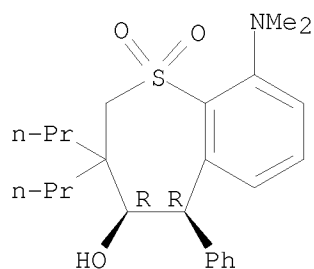
10/590,458



RN 1064586-37-3 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

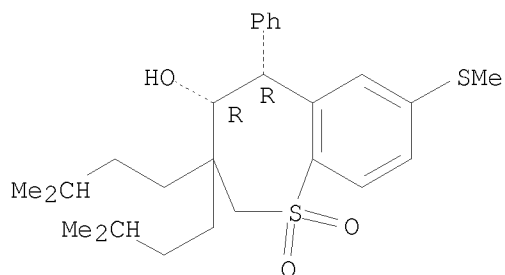
Absolute stereochemistry.



RN 1064586-38-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

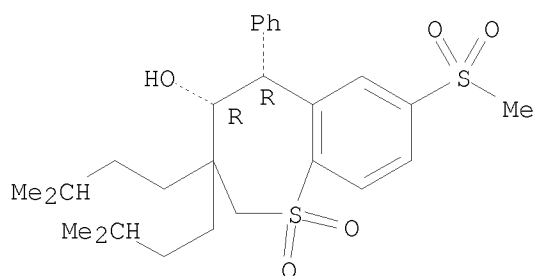


RN 1064586-39-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-7-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

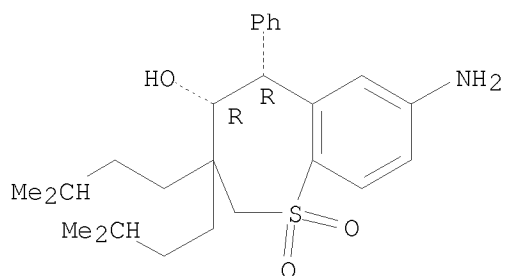
10/590,458



RN 1064586-40-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

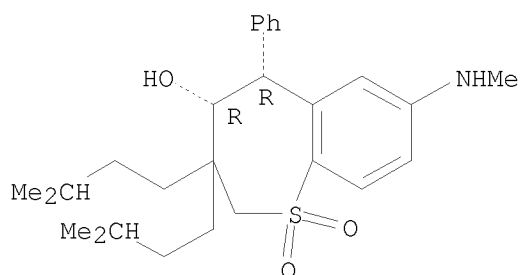
Absolute stereochemistry.



RN 1064586-41-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylamino)-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

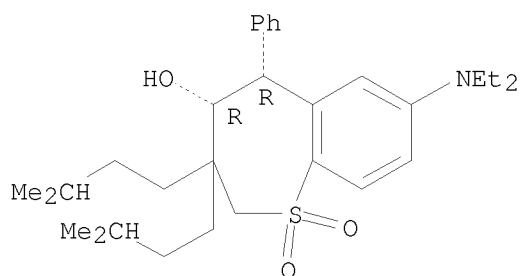


RN 1064586-42-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

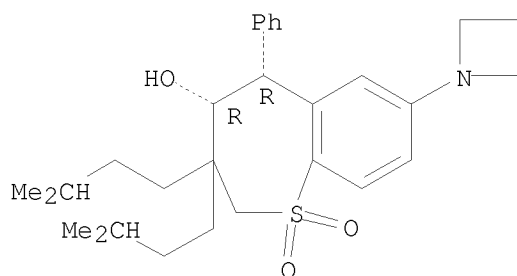
10/590,458



RN 1064586-43-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

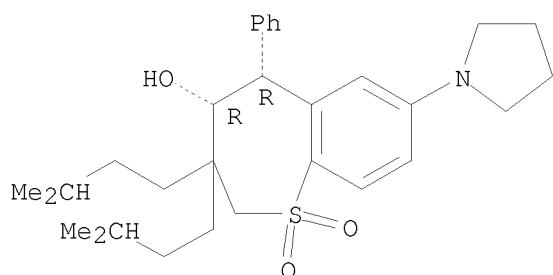
Absolute stereochemistry.



RN 1064586-44-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

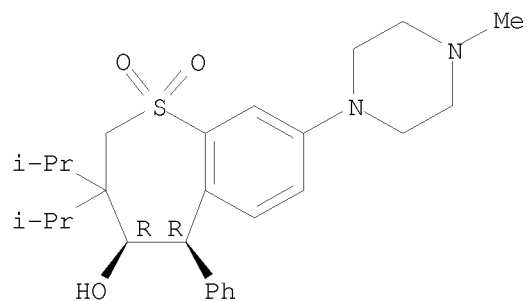


RN 1064586-45-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-8-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

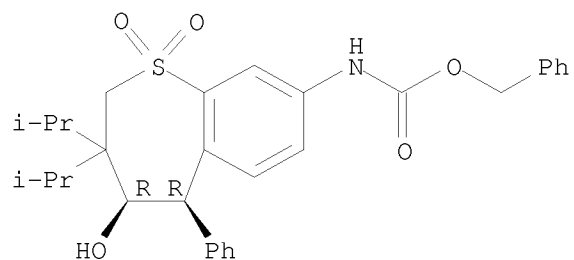
Absolute stereochemistry.

10/590,458



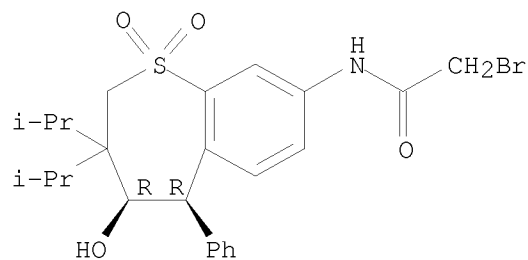
RN 1064586-46-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064586-47-5 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

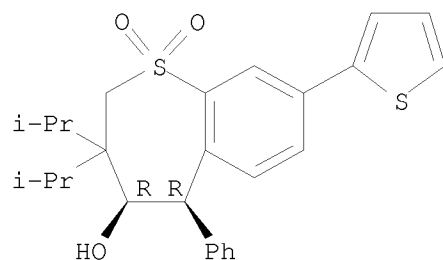
Absolute stereochemistry.



RN 1064586-48-6 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

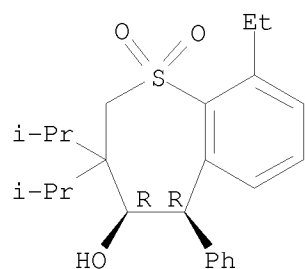
10/590,458



RN 1064586-49-7 CAPLUS

CN 1-Benzothiepin-4-ol, 9-ethyl-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

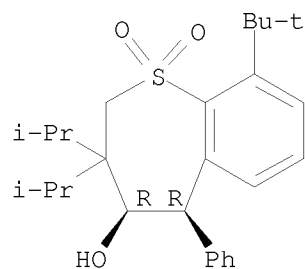
Absolute stereochemistry.



RN 1064586-50-0 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

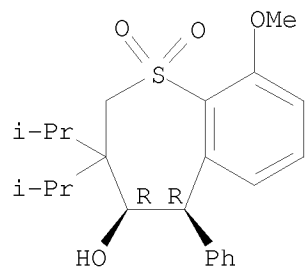


RN 1064586-51-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methoxy-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

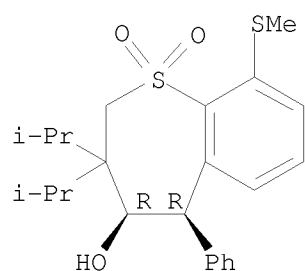
10/590,458



RN 1064586-52-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-9-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

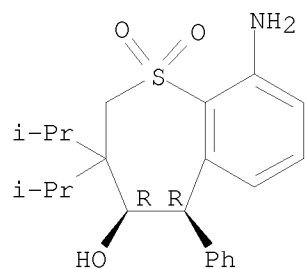
Absolute stereochemistry.



RN 1064586-53-3 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

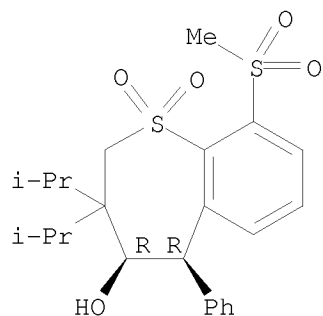


RN 1064586-54-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-9-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

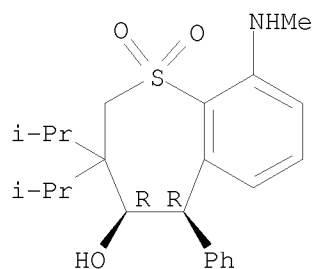
Absolute stereochemistry.

10/590,458



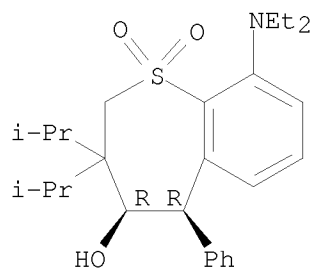
RN 1064586-55-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064586-56-6 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

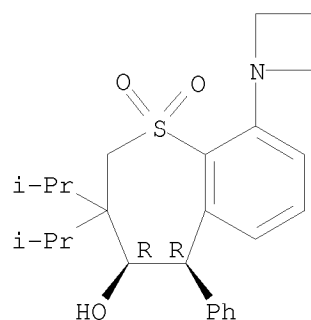
Absolute stereochemistry.



RN 1064586-57-7 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(1-azetidiny1)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

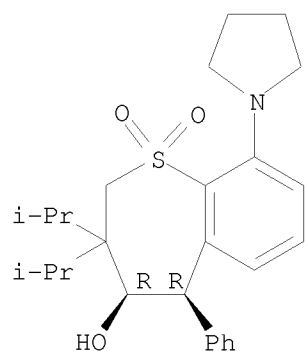
10/590,458



RN 1064586-58-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

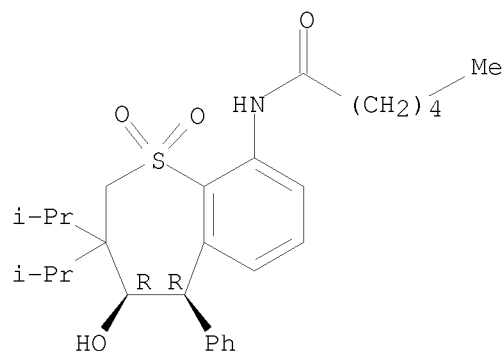
Absolute stereochemistry.



RN 1064586-59-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

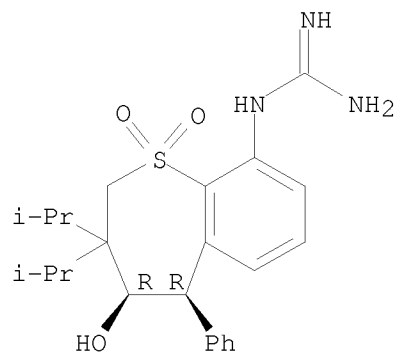


RN 1064586-60-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

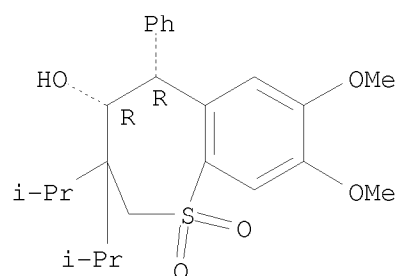
10/590,458



RN 1064586-61-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-dimethoxy-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

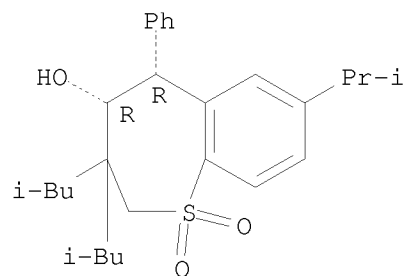
Absolute stereochemistry.



RN 1064586-62-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethyl)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

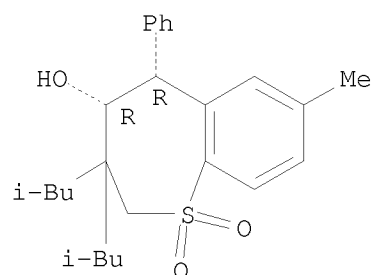
Absolute stereochemistry.



RN 1064586-63-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT	1064586-64-6	1064586-65-7	1064586-66-8
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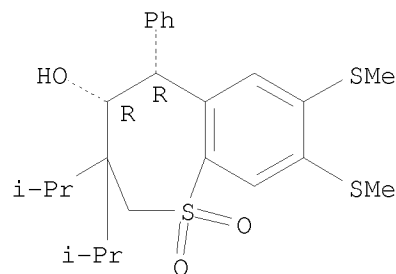
RL: PRPH (Prophetic)

(Mono- and di-fluorinated benzothiepinines as inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions and methods for preparation)

RN 1064586-64-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-7,8-bis(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

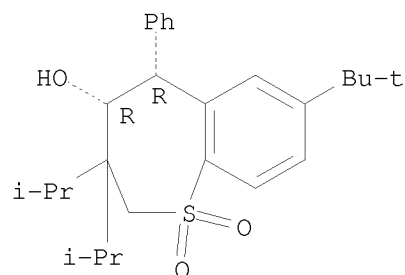


10/590,458

RN 1064586-65-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

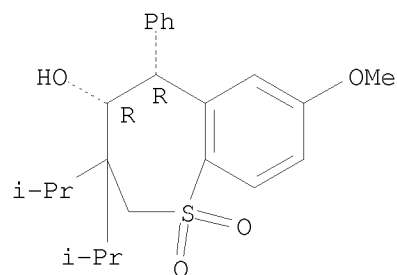
Absolute stereochemistry.



RN 1064586-66-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methoxy-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

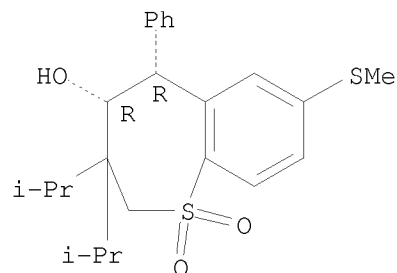
Absolute stereochemistry.



RN 1064586-67-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

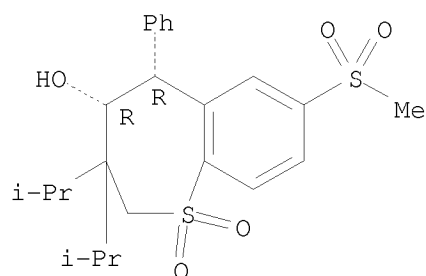


RN 1064586-68-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-7-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

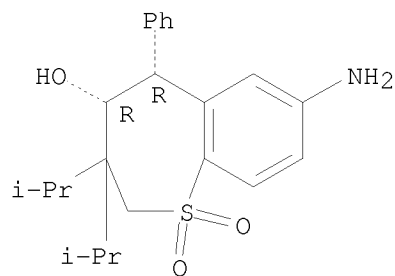
Absolute stereochemistry.



RN 1064586-69-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

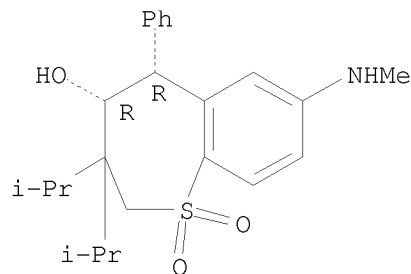
Absolute stereochemistry.



RN 1064586-70-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylamino)-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

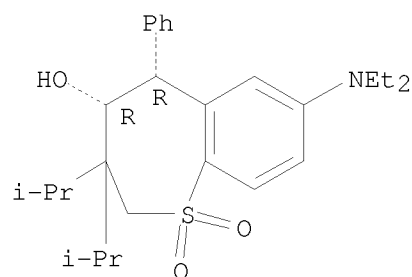


RN 1064586-71-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

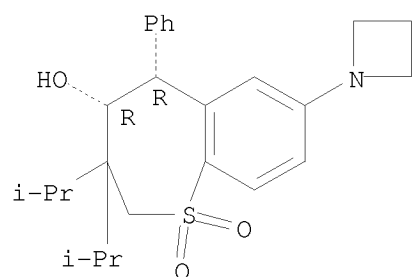
10/590,458



RN 1064586-72-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

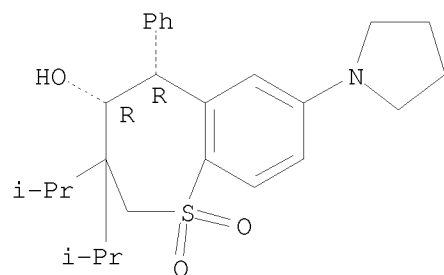
Absolute stereochemistry.



RN 1064586-73-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-7-(1-pyrrolidiny)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

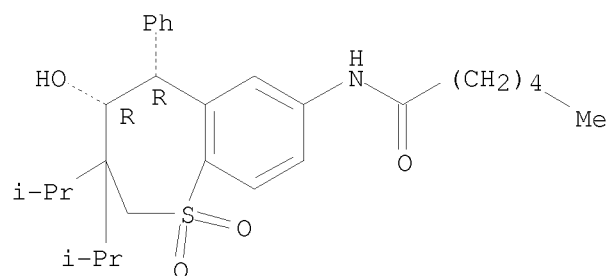


RN 1064586-74-8 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

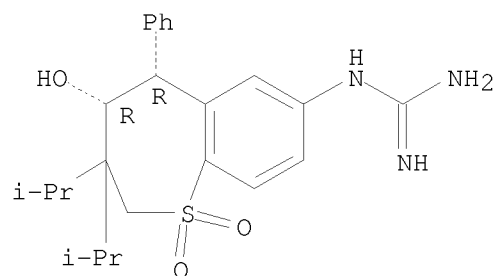
10/590,458



RN 1064586-75-9 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

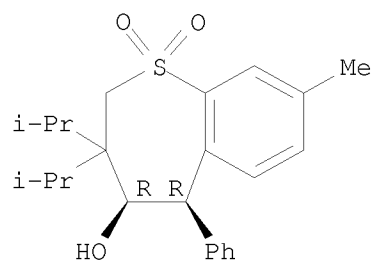
Absolute stereochemistry.



RN 1064586-76-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

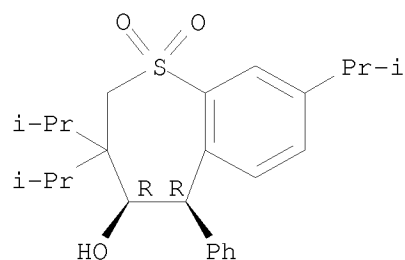


RN 1064586-77-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3,8-tris(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

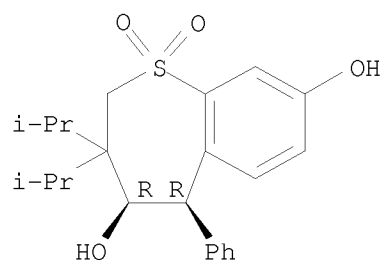
10/590,458



RN 1064586-78-2 CAPLUS

CN 1-Benzothiepin-4,8-diol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

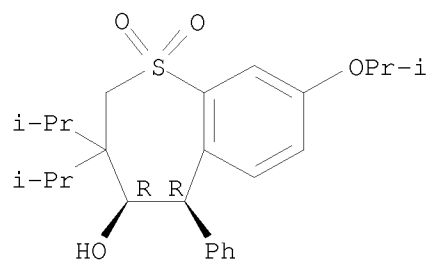
Absolute stereochemistry.



RN 1064586-79-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethoxy)-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

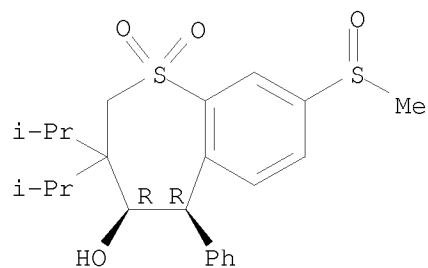


RN 1064586-80-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-8-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

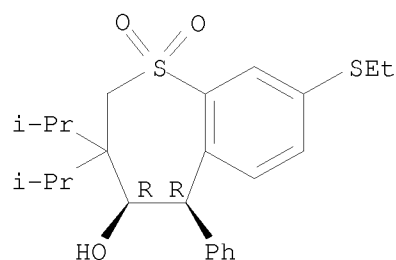
10/590,458



RN 1064586-81-7 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

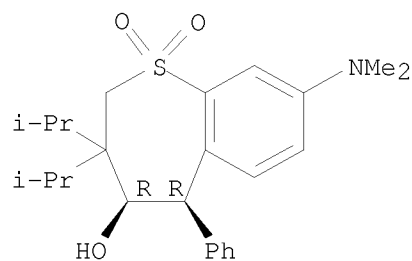
Absolute stereochemistry.



RN 1064586-82-8 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

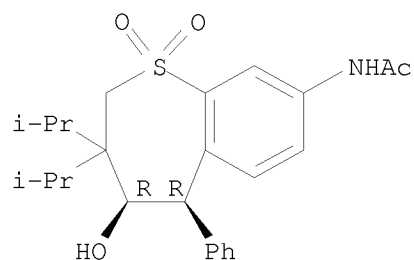


RN 1064586-83-9 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

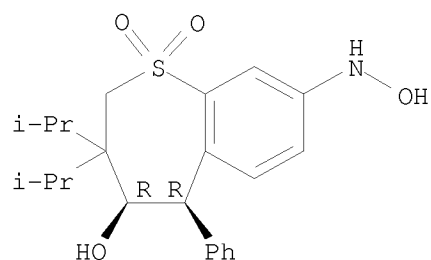
10/590,458



RN 1064586-84-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(hydroxyamino)-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

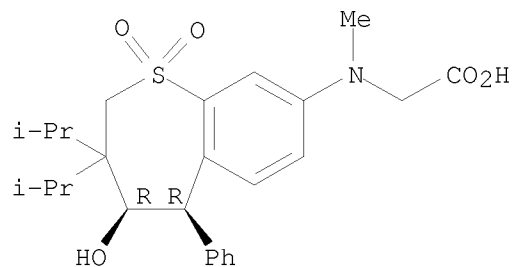
Absolute stereochemistry.



RN 1064586-85-1 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

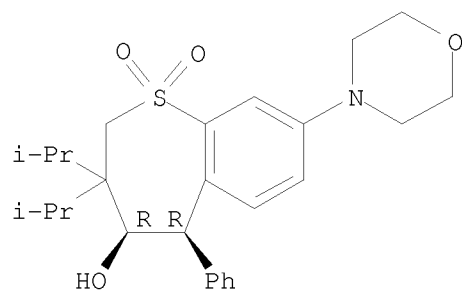


RN 1064586-86-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-8-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

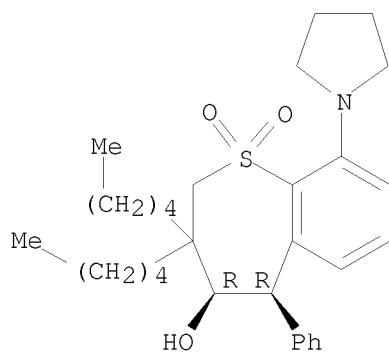
10/590,458



RN 1064586-87-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

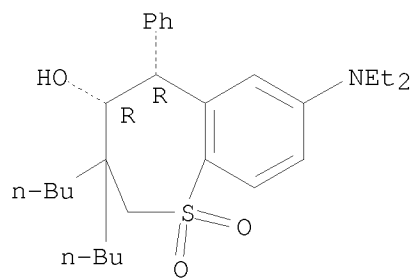
Absolute stereochemistry.



RN 1064586-88-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

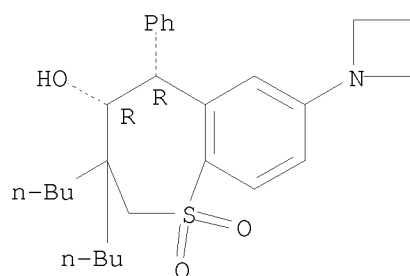


RN 1064586-89-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

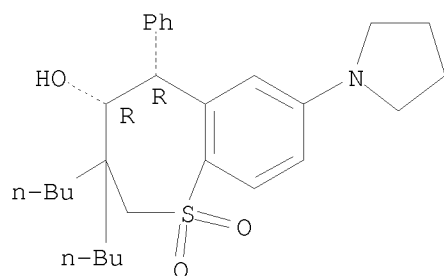
10/590,458



RN 1064586-90-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

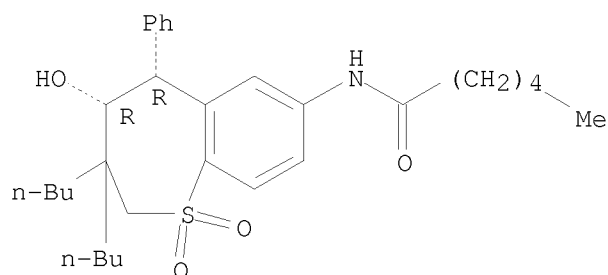
Absolute stereochemistry.



RN 1064586-91-9 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

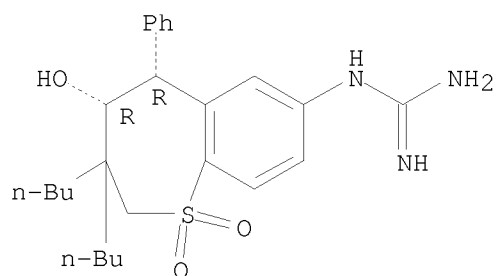


RN 1064586-92-0 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

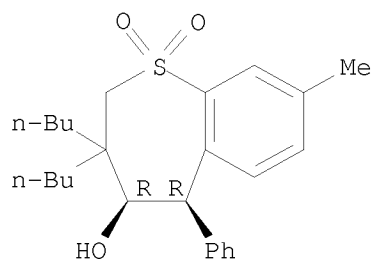
10/590,458



RN 1064586-93-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

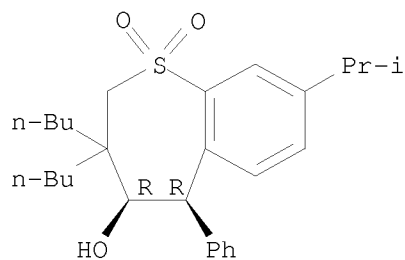
Absolute stereochemistry.



RN 1064586-94-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

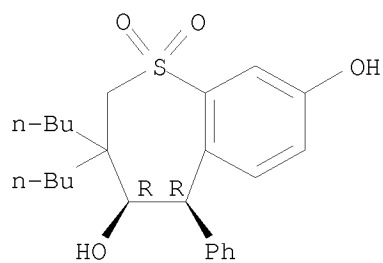


RN 1064586-95-3 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

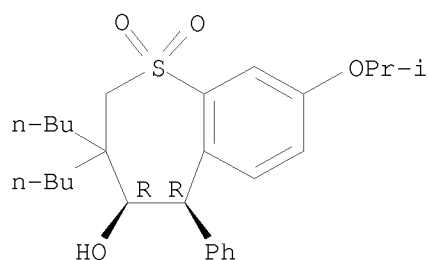
Absolute stereochemistry.

10/590,458



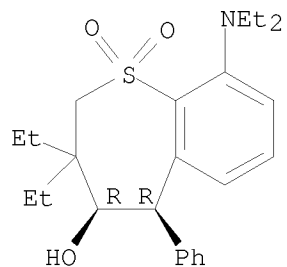
RN 1064586-96-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064586-97-5 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(diethylamino)-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

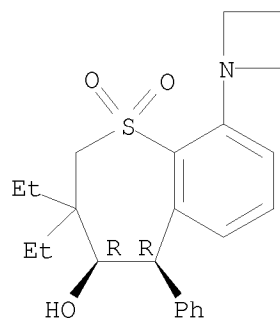
Absolute stereochemistry.



RN 1064586-98-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

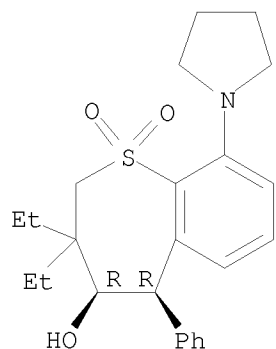
10/590,458



RN 1064586-99-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

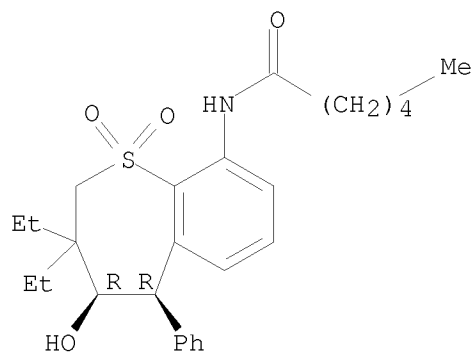
Absolute stereochemistry.



RN 1064587-00-3 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

Absolute stereochemistry.

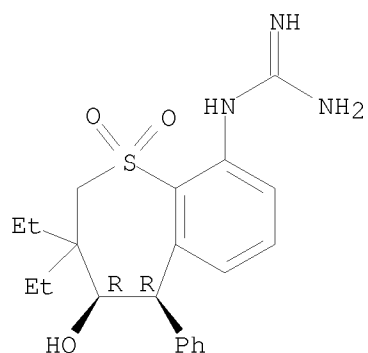


RN 1064587-01-4 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

10/590,458

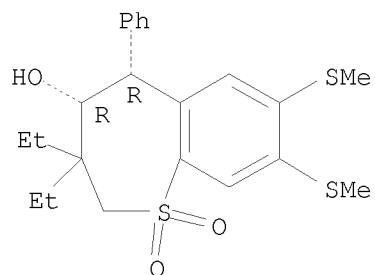
Absolute stereochemistry.



RN 1064587-02-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7,8-bis(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

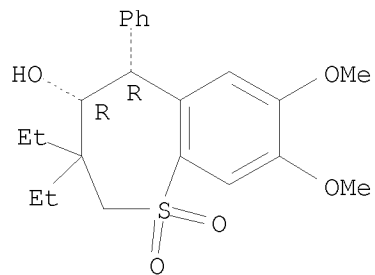
Absolute stereochemistry.



RN 1064587-03-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

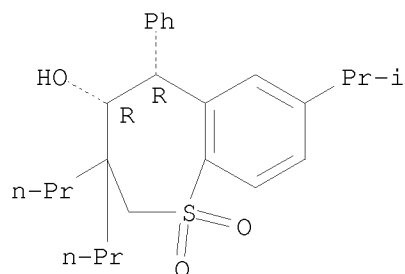


RN 1064587-04-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

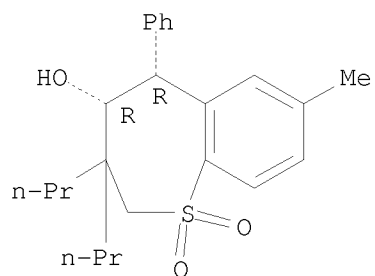
Absolute stereochemistry.



RN 1064587-05-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

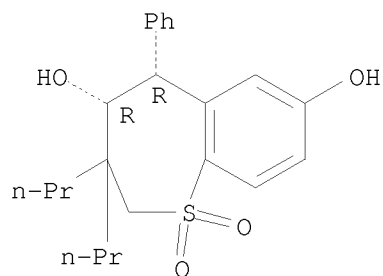
Absolute stereochemistry.



RN 1064587-06-9 CAPLUS

CN 1-Benzothiepin-4,7-diols, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

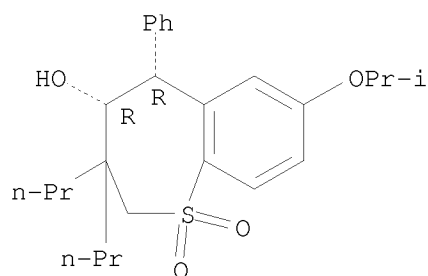


RN 1064587-07-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethoxy)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

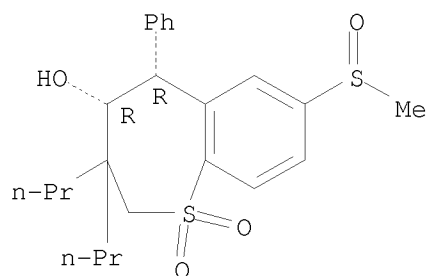
10/590,458



RN 1064587-08-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methanesulfinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

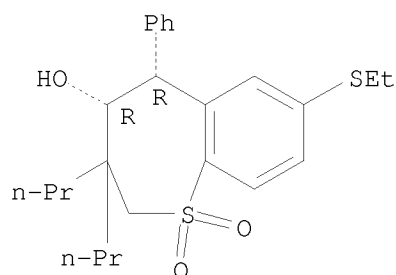
Absolute stereochemistry.



RN 1064587-09-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

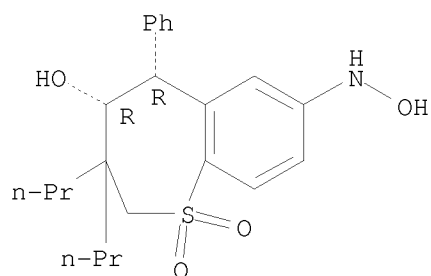


RN 1064587-10-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

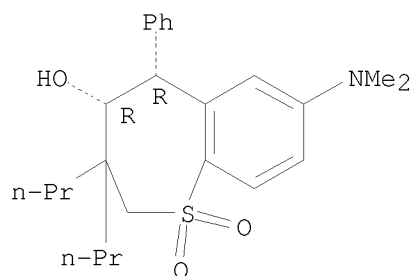
10/590,458



RN 1064587-11-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

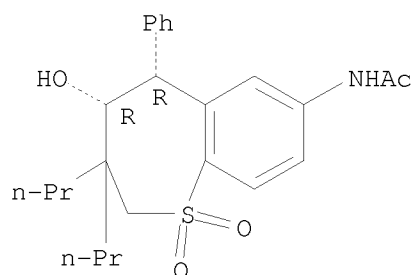
Absolute stereochemistry.



RN 1064587-12-7 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

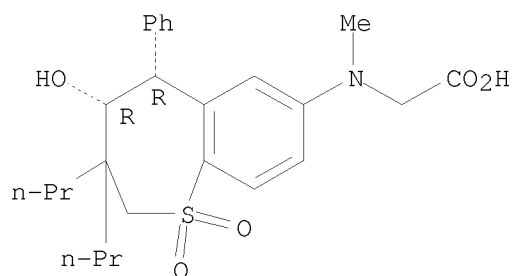


RN 1064587-13-8 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

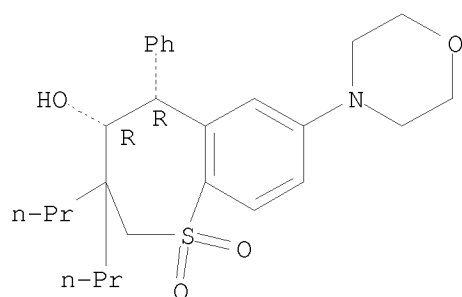
10/590,458



RN 1064587-14-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(4-morpholinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

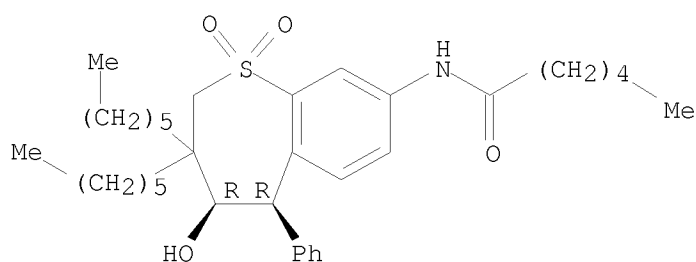
Absolute stereochemistry.



RN 1064587-15-0 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

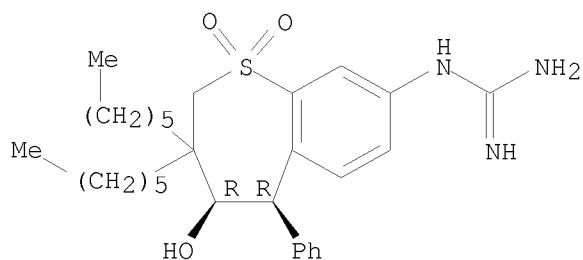


RN 1064587-16-1 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

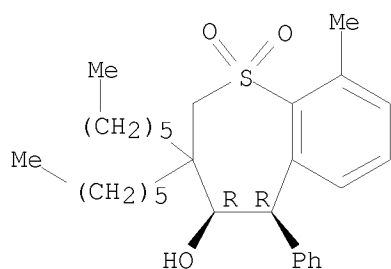
10/590,458



RN 1064587-17-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

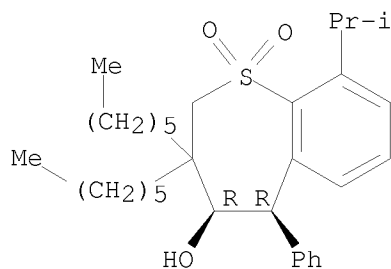
Absolute stereochemistry.



RN 1064587-18-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

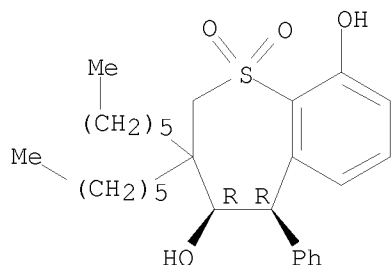


RN 1064587-19-4 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

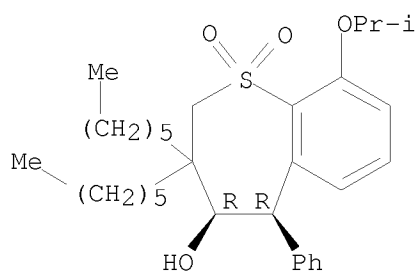
10/590,458



RN 1064587-20-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

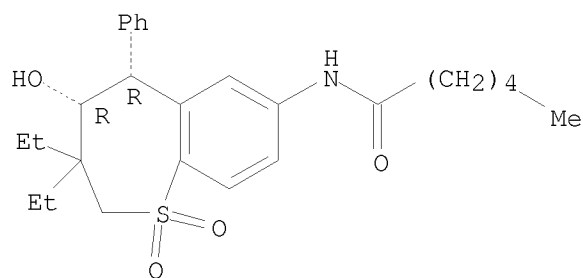
Absolute stereochemistry.



RN 1064587-21-8 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

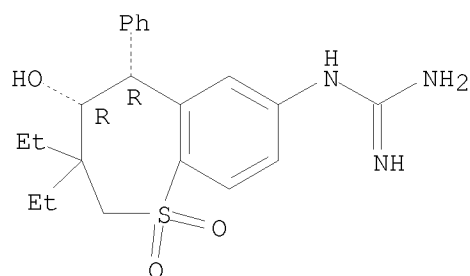


RN 1064587-22-9 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

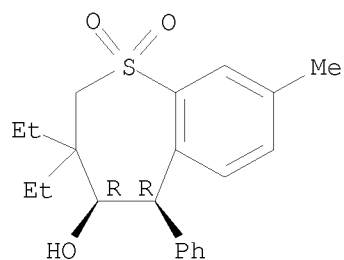
10/590,458



RN 1064587-23-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

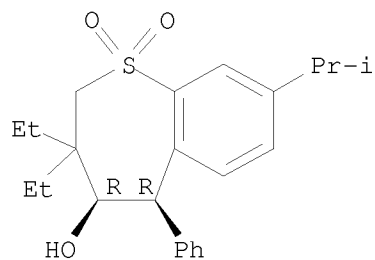
Absolute stereochemistry.



RN 1064587-24-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

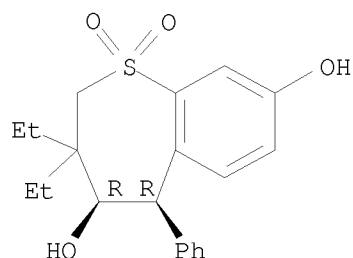


RN 1064587-25-2 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

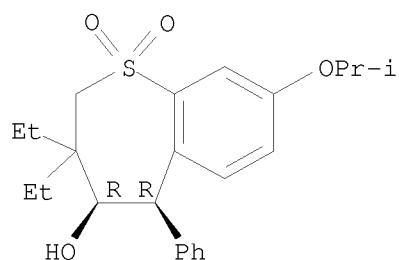
10/590,458



RN 1064587-26-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

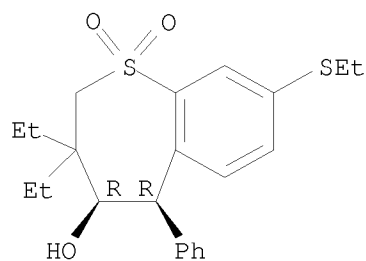
Absolute stereochemistry.



RN 1064587-27-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-8-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

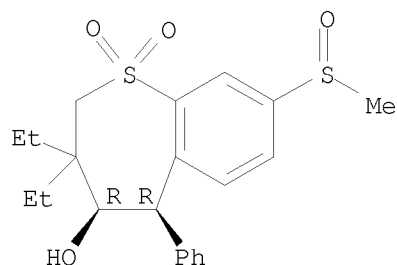


RN 1064587-28-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

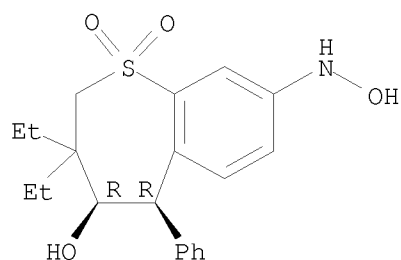
10/590,458



RN 1064587-29-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

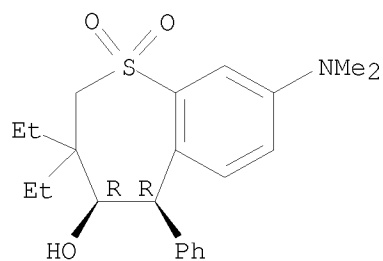
Absolute stereochemistry.



RN 1064587-30-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

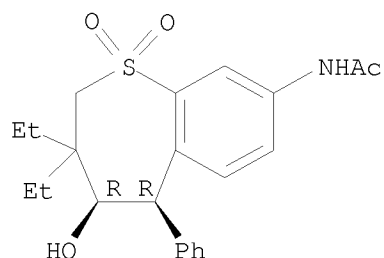


RN 1064587-31-0 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

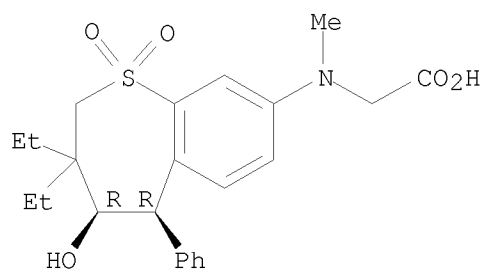
10/590,458



RN 1064587-32-1 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-N-methyl- (CA INDEX NAME)

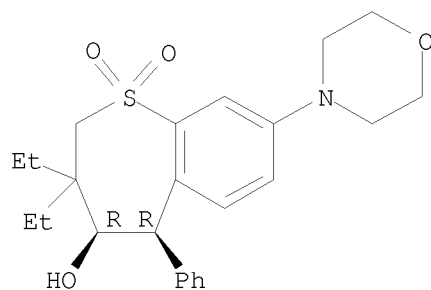
Absolute stereochemistry.



RN 1064587-33-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

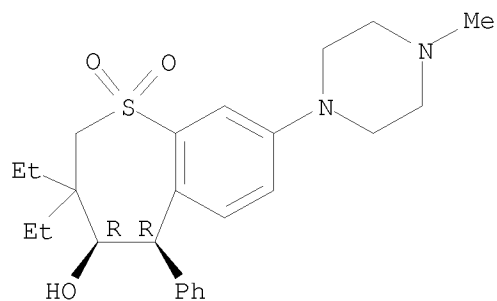


RN 1064587-34-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

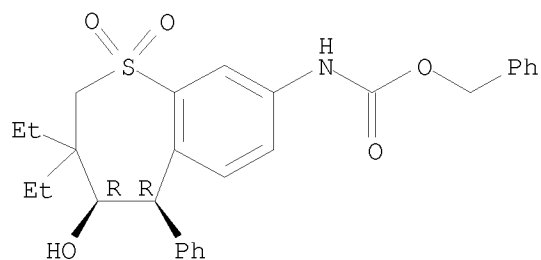
Absolute stereochemistry.

10/590,458



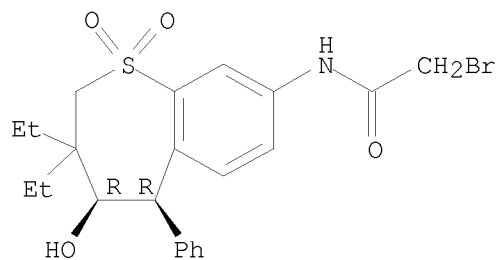
RN 1064587-35-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064587-36-5 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

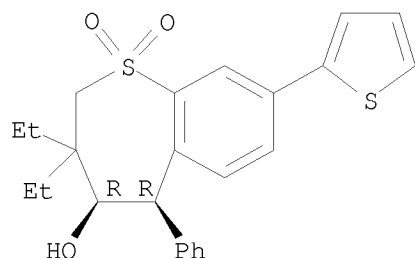
Absolute stereochemistry.



RN 1064587-37-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

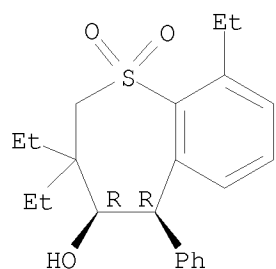
10/590,458



RN 1064587-38-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3,9-triethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

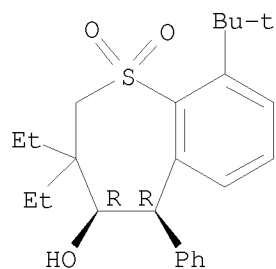
Absolute stereochemistry.



RN 1064587-39-8 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-3,3-diethyl-2,3,4,5-tetrahydro-
5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

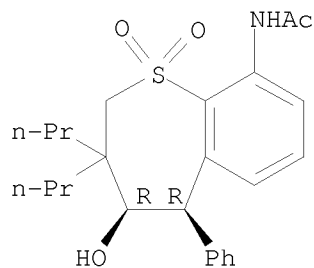


RN 1064587-40-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

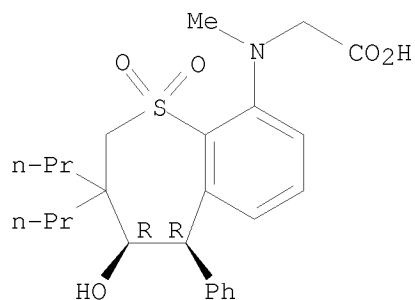
Absolute stereochemistry.

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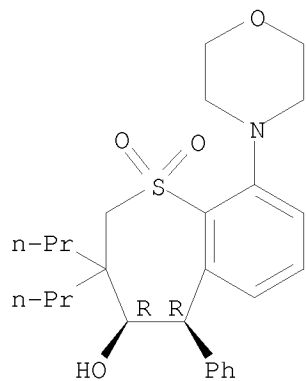
RN 1064587-41-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064587-42-3 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(4-morpholinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

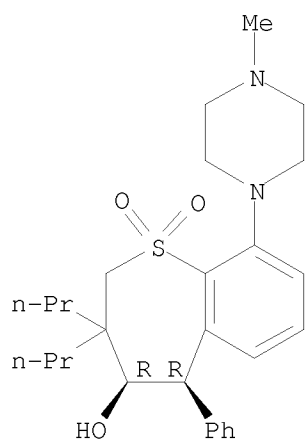
Absolute stereochemistry.



RN 1064587-43-4 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(4-methyl-1-piperazinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

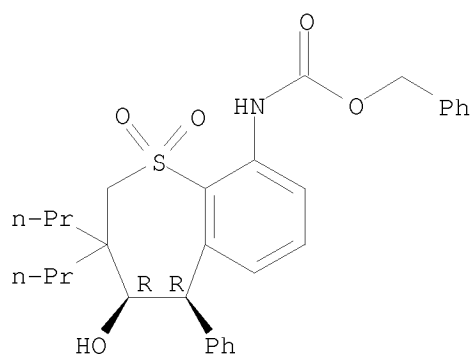
Absolute stereochemistry.

10/590,458



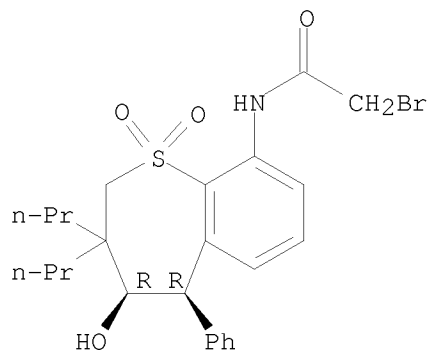
RN 1064587-44-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064587-45-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

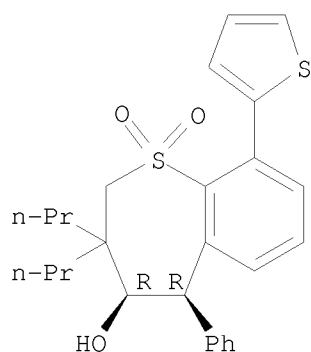


RN 1064587-46-7 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-9-(2-

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thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

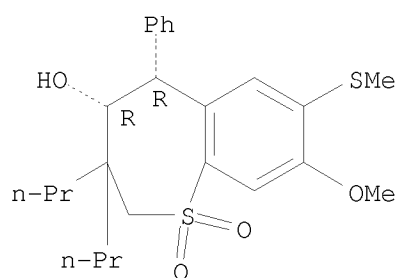
Absolute stereochemistry.



RN 1064587-47-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-7-(methylthio)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

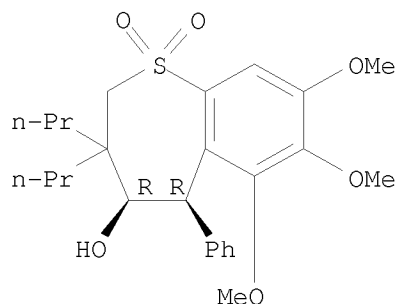
Absolute stereochemistry.



RN 1064587-48-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



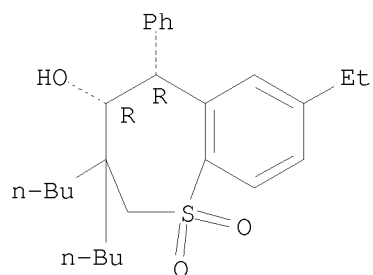
RN 1064587-49-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-ethyl-2,3,4,5-tetrahydro-5-phenyl-,

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1,1-dioxide, (4R,5R)- (CA INDEX NAME)

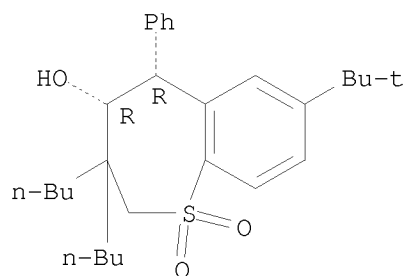
Absolute stereochemistry.



RN 1064587-50-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

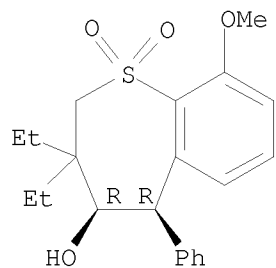
Absolute stereochemistry.



RN 1064587-51-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

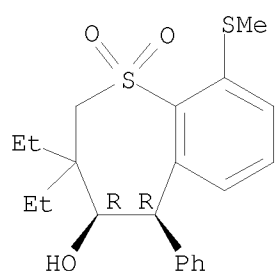


RN 1064587-52-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

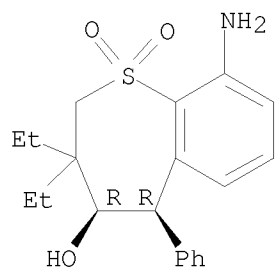
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RN 1064587-53-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

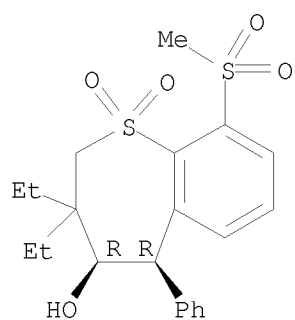
Absolute stereochemistry.



RN 1064587-54-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(methylsulfonyl)-5-
phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

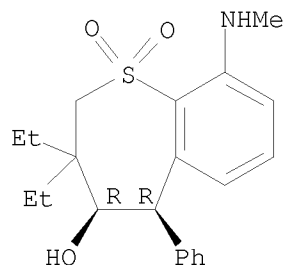


RN 1064587-55-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(methylamino)-5-
phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

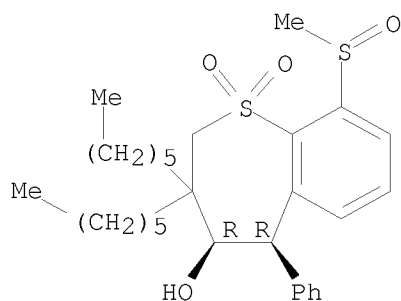
10/590,458



RN 1064587-56-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

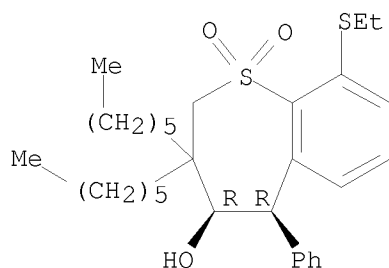
Absolute stereochemistry.



RN 1064587-57-0 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(ethylthio)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

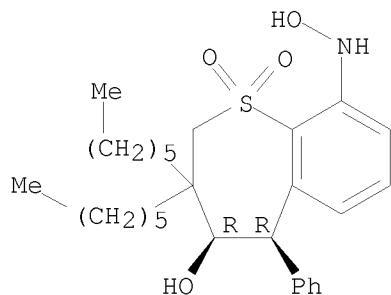


RN 1064587-58-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

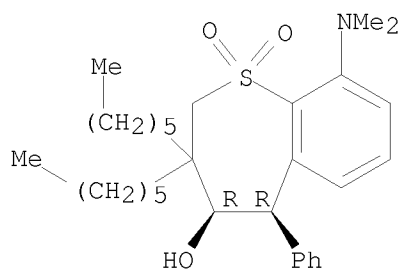
10/590,458



RN 1064587-59-2 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

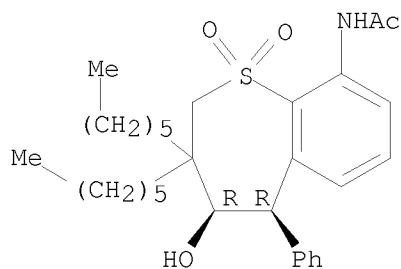
Absolute stereochemistry.



RN 1064587-60-5 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

Absolute stereochemistry.

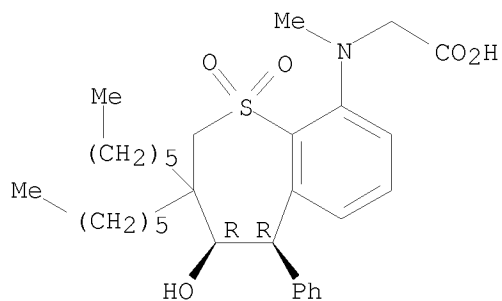


RN 1064587-61-6 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

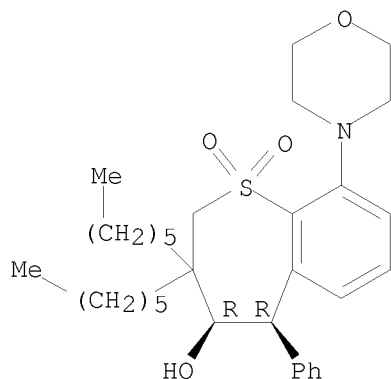
10/590,458



RN 1064587-62-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

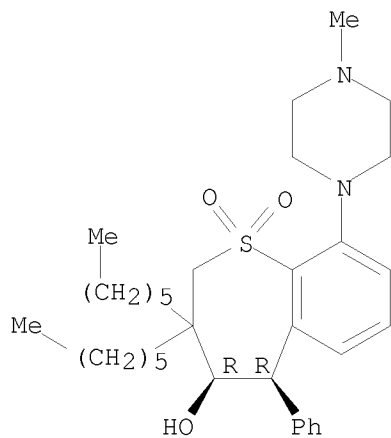
Absolute stereochemistry.



RN 1064587-63-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-9-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

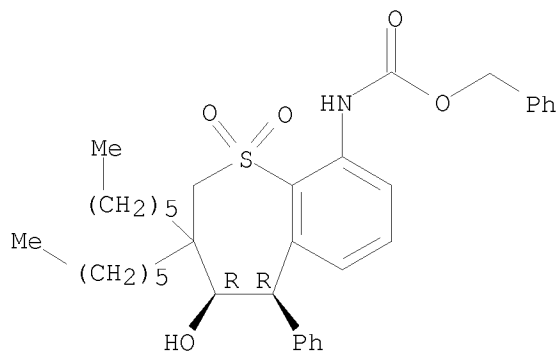
Absolute stereochemistry.



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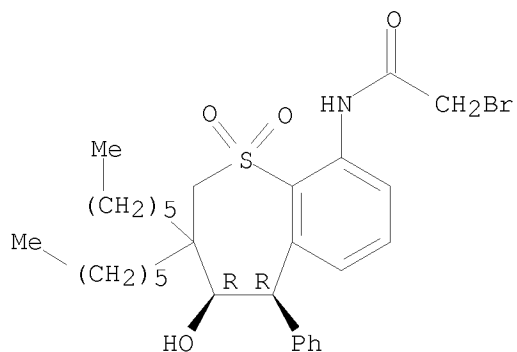
RN 1064587-64-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064587-65-0 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

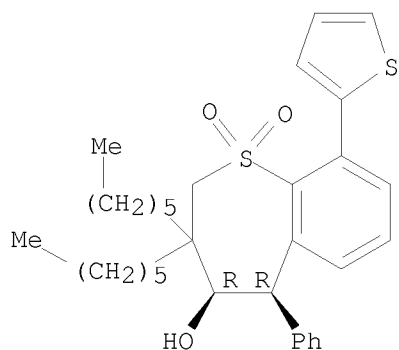
Absolute stereochemistry.



RN 1064587-66-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

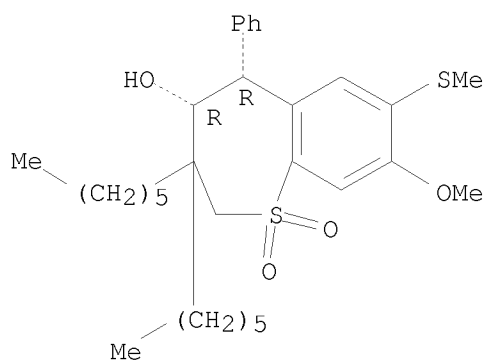
10/590,458



RN 1064587-67-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-methoxy-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

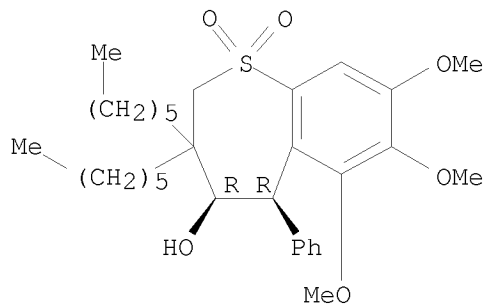
Absolute stereochemistry.



RN 1064587-68-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



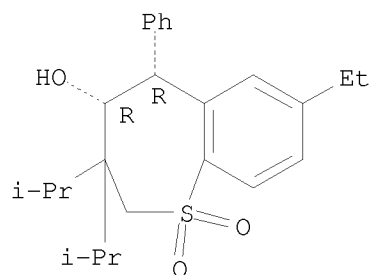
RN 1064587-69-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-ethyl-2,3,4,5-tetrahydro-3,3-bis(1-methylethyl)-5-

10/590,458

phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

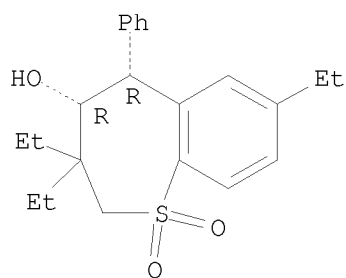
Absolute stereochemistry.



RN 1064587-85-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3,7-triethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

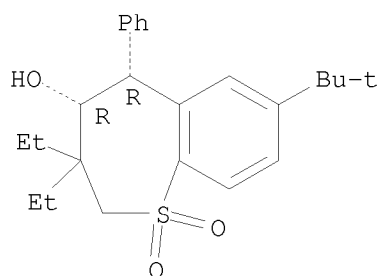
Absolute stereochemistry.



RN 1064587-86-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-3,3-diethyl-2,3,4,5-tetrahydro-
5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

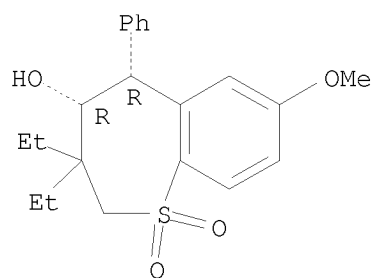


RN 1064587-87-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

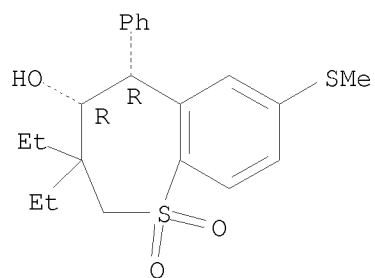
10/590,458



RN 1064587-88-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

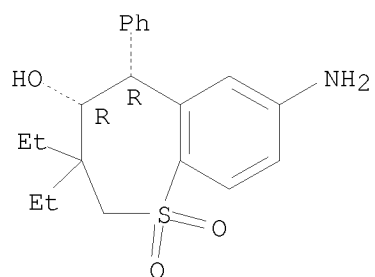
Absolute stereochemistry.



RN 1064587-89-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

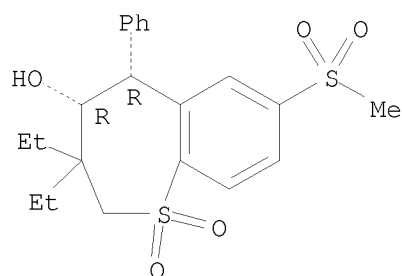


RN 1064587-90-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

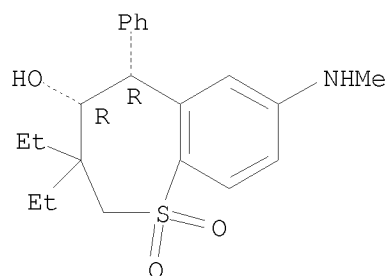
10/590,458



RN 1064587-91-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

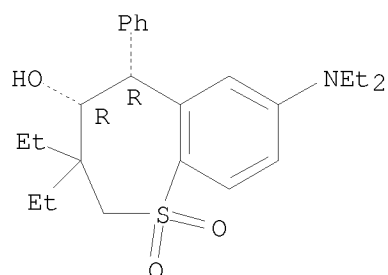
Absolute stereochemistry.



RN 1064587-92-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

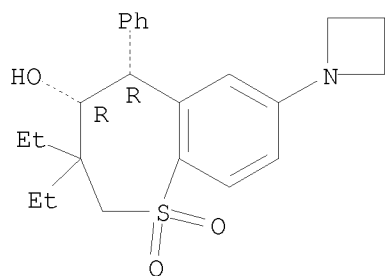


RN 1064587-93-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

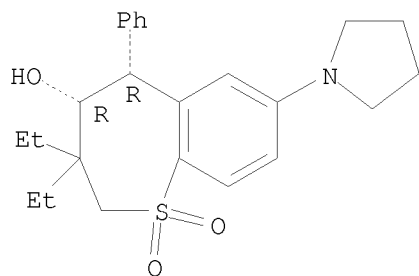
10/590,458



RN 1064587-94-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

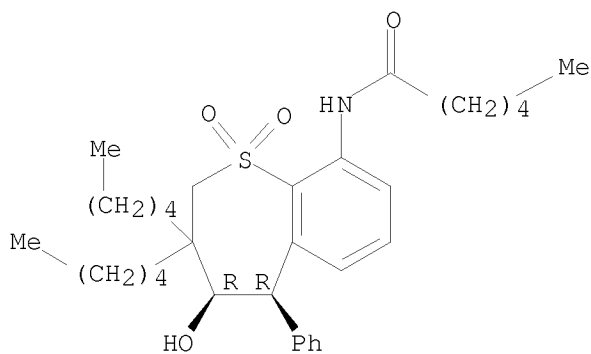
Absolute stereochemistry.



RN 1064587-95-6 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

Absolute stereochemistry.

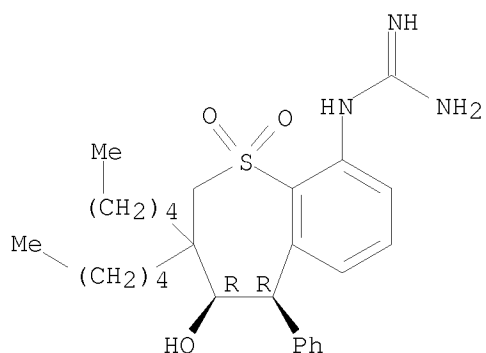


RN 1064587-96-7 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

Absolute stereochemistry.

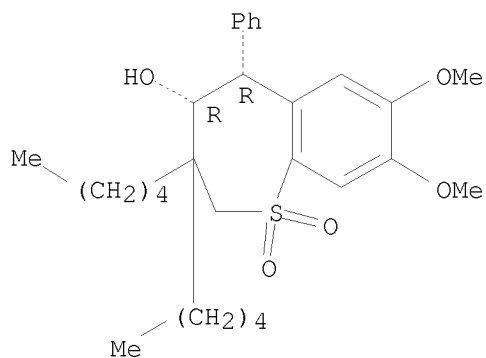
10/590,458



RN 1064587-97-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-dimethoxy-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

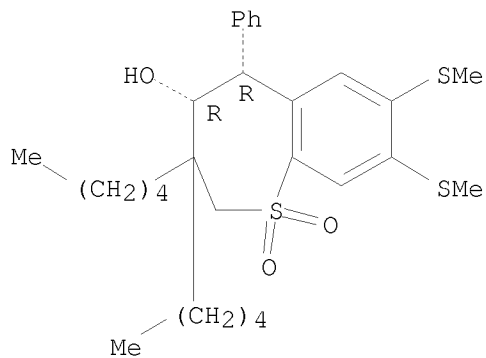
Absolute stereochemistry.



RN 1064587-98-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-bis(methylthio)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

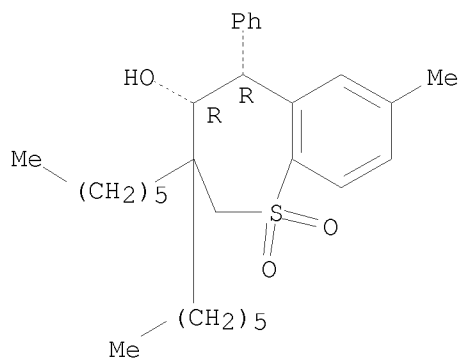


RN 1064587-99-0 CAPLUS

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CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-methyl-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

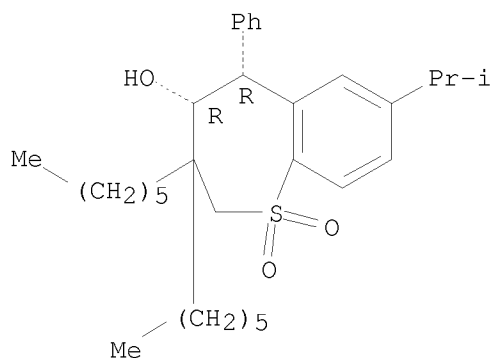
Absolute stereochemistry.



RN 1064588-00-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(1-methylethyl)-5-
phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

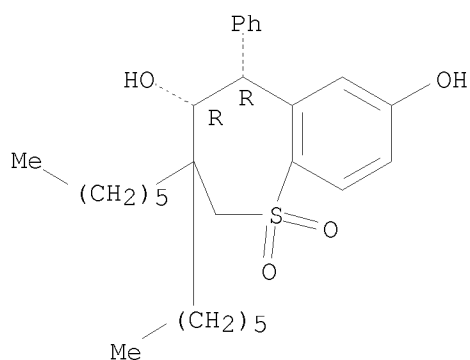


RN 1064588-01-7 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

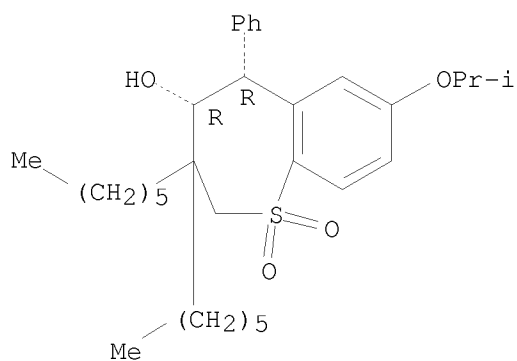
10/590,458



RN 1064588-02-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

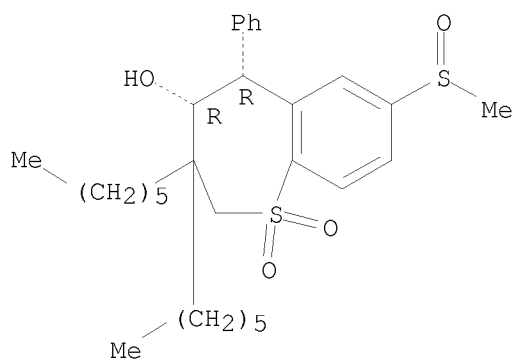
Absolute stereochemistry.



RN 1064588-03-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(methysulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

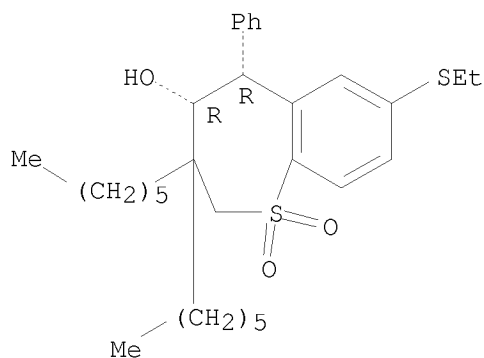


10/590,458

RN 1064588-04-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(ethylthio)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

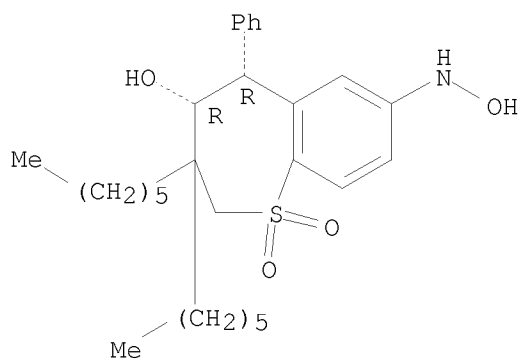
Absolute stereochemistry.



RN 1064588-05-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

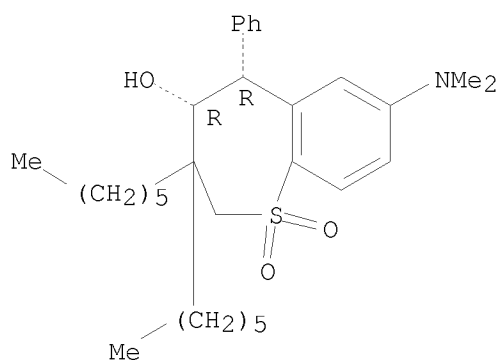


RN 1064588-06-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

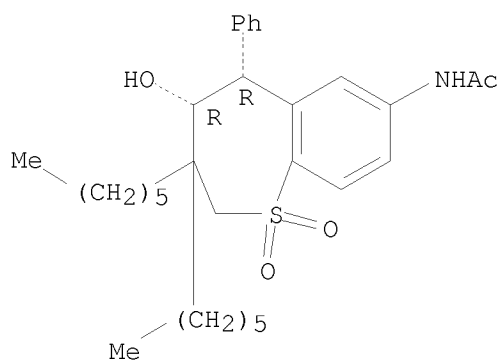
10/590,458



RN 1064588-07-3 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

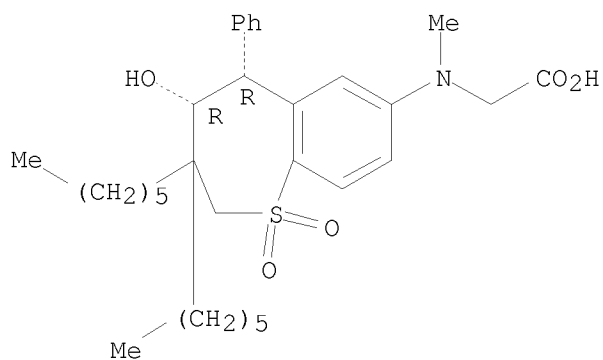
Absolute stereochemistry.



RN 1064588-09-5 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

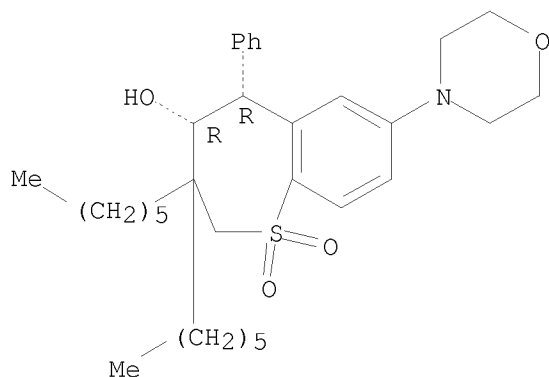


10/590,458

RN 1064588-10-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

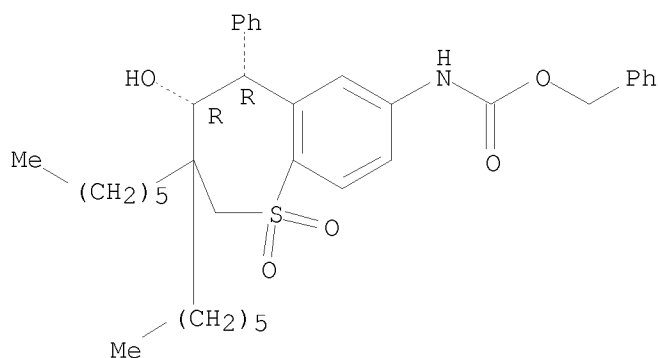
Absolute stereochemistry.



RN 1064588-11-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

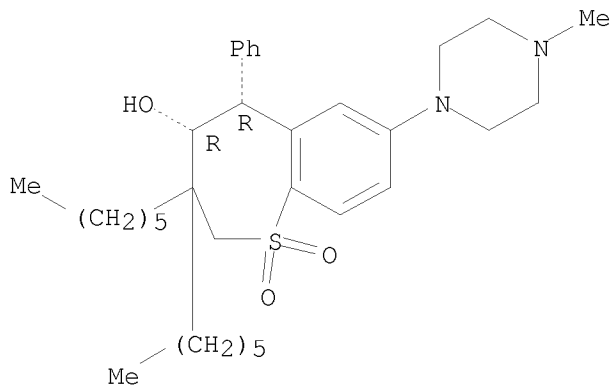


RN 1064588-12-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

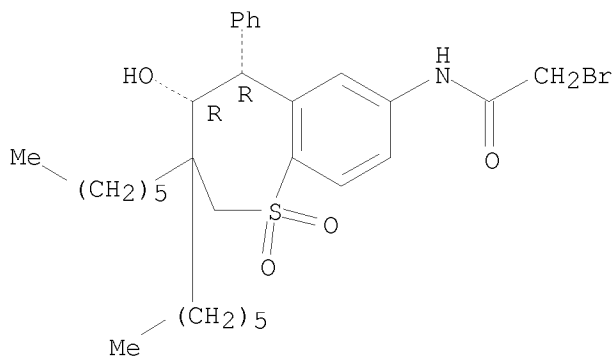
10/590,458



RN 1064588-13-1 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

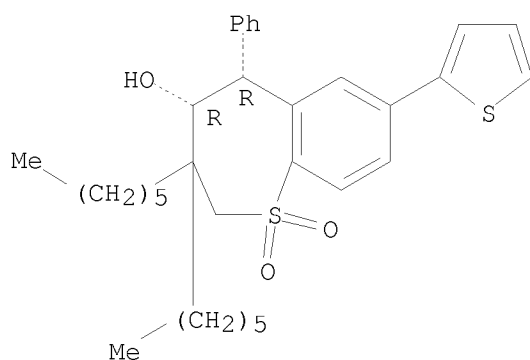


RN 1064588-15-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-7-(2-thienyl)-
, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

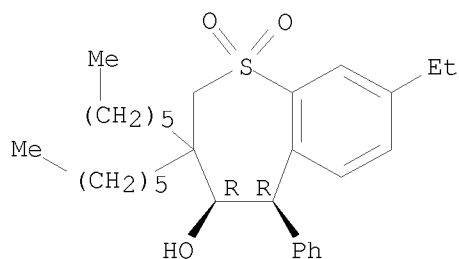
10/590,458



RN 1064588-16-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-ethyl-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

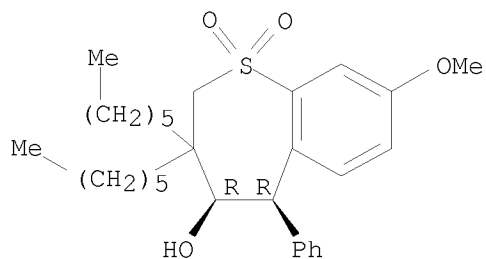
Absolute stereochemistry.



RN 1064588-17-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

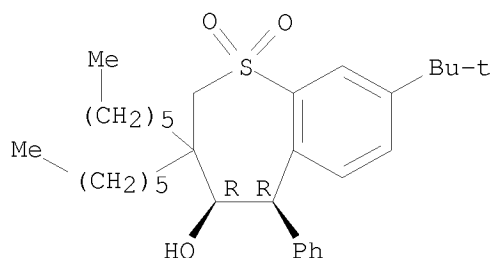


RN 1064588-18-6 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

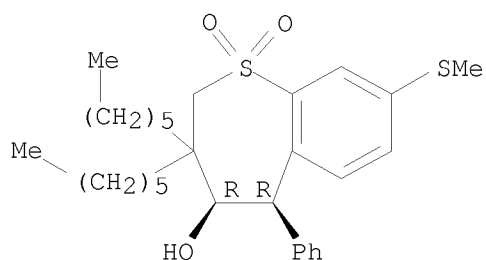
10/590,458



RN 1064588-19-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

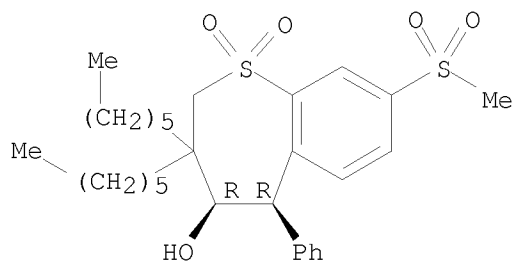
Absolute stereochemistry.



RN 1064588-21-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

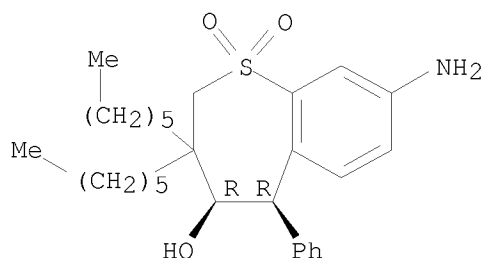


RN 1064588-22-2 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

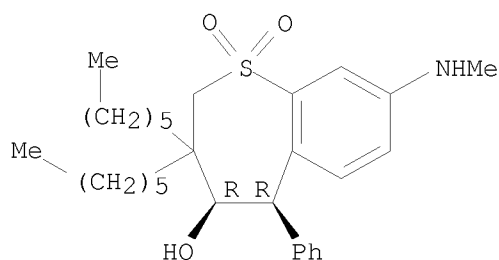
10/590,458



RN 1064588-23-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-8-(methyldiamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

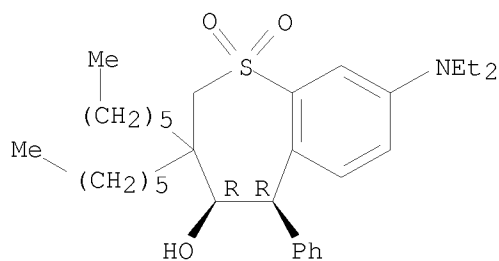
Absolute stereochemistry.



RN 1064588-24-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

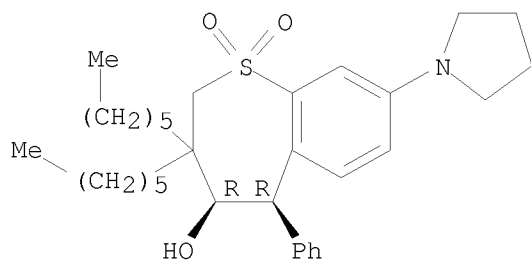


RN 1064588-27-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dihexyl-2,3,4,5-tetrahydro-5-phenyl-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

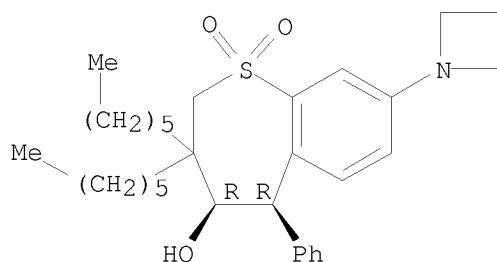
Absolute stereochemistry.

10/590,458



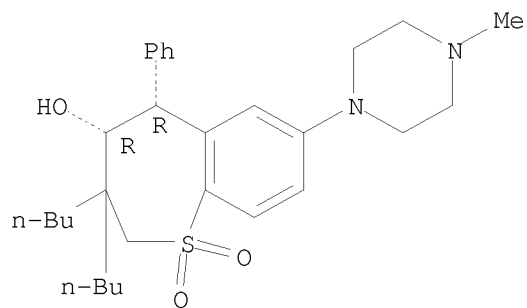
RN 1064588-28-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064588-29-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

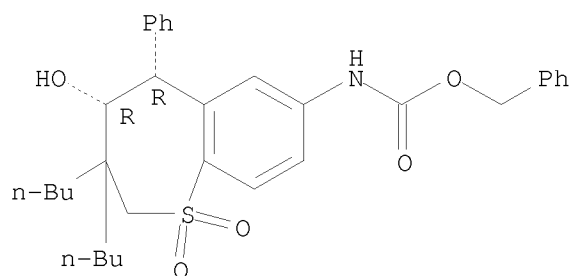
Absolute stereochemistry.



RN 1064588-30-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

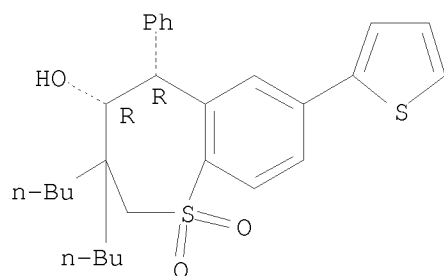
10/590,458



RN 1064588-32-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

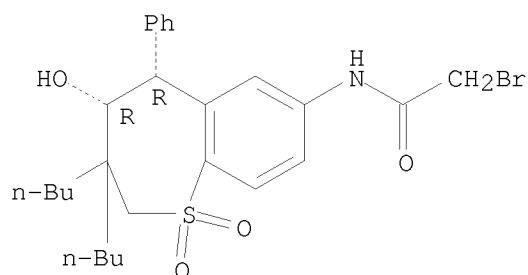
Absolute stereochemistry.



RN 1064588-33-5 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

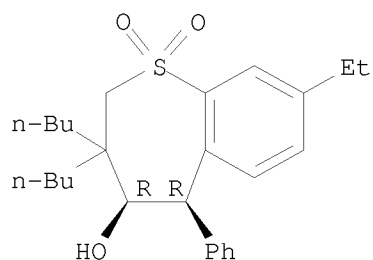


RN 1064588-34-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

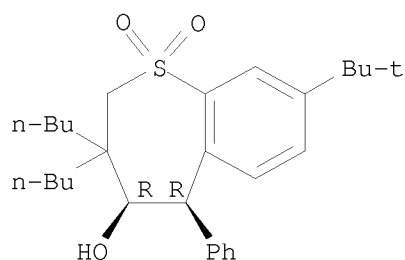
10/590,458



RN 1064588-35-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

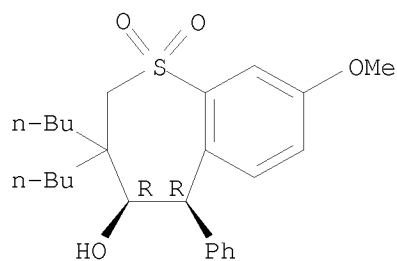
Absolute stereochemistry.



RN 1064588-36-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

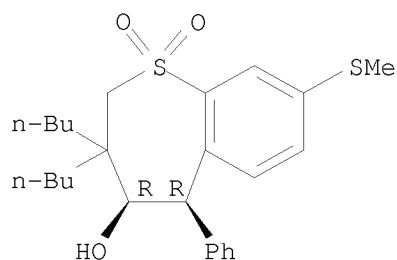


RN 1064588-38-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

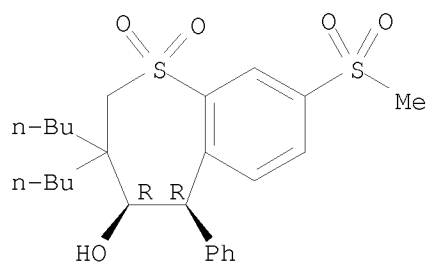
Absolute stereochemistry.

10/590,458



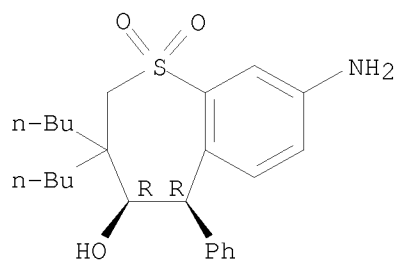
RN 1064588-39-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064588-40-4 CAPLUS
CN 1-Benzothiepin-4-ol, 8-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

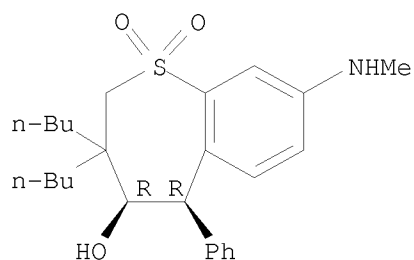
Absolute stereochemistry.



RN 1064588-41-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

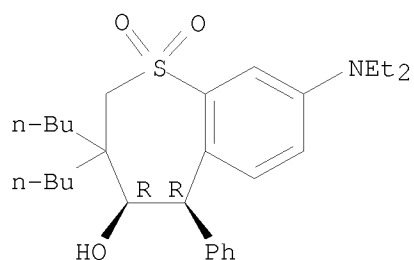
10/590,458



RN 1064588-42-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(diethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

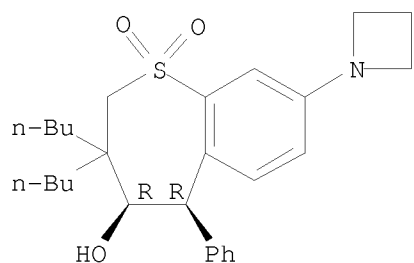
Absolute stereochemistry.



RN 1064588-43-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

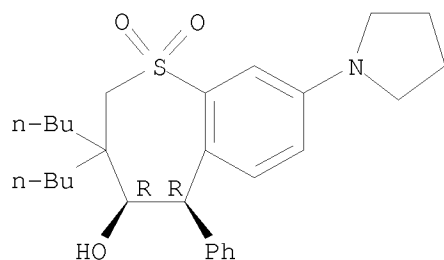


RN 1064588-44-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

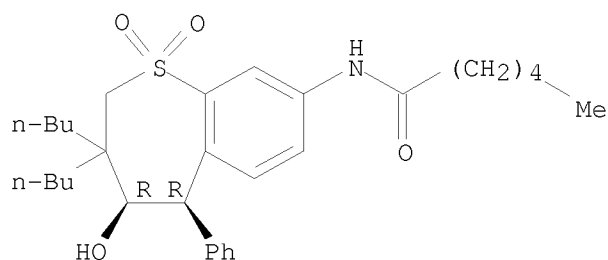
10/590,458



RN 1064588-45-9 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

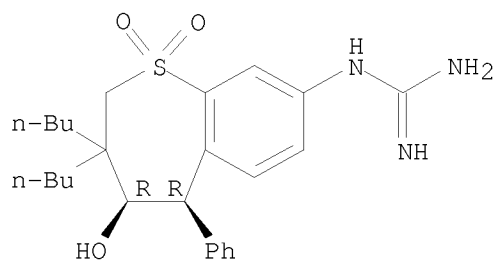
Absolute stereochemistry.



RN 1064588-46-0 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

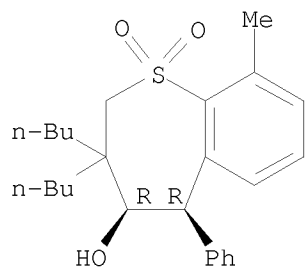


RN 1064588-47-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

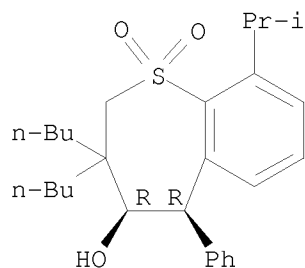
Absolute stereochemistry.

10/590,458



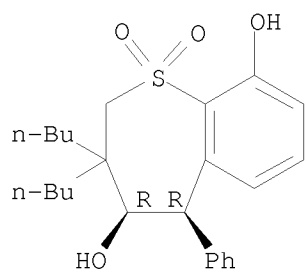
RN 1064588-48-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064588-50-6 CAPLUS
CN 1-Benzothiepin-4,9-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

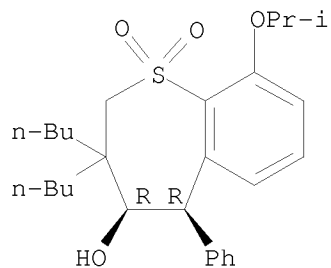
Absolute stereochemistry.



RN 1064588-51-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

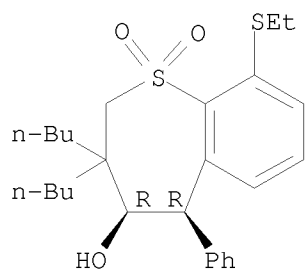
10/590,458



RN 1064588-52-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

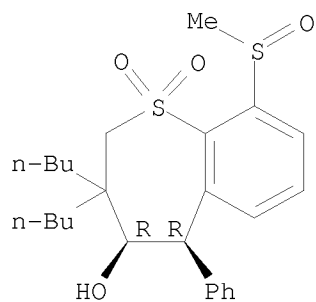
Absolute stereochemistry.



RN 1064588-53-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

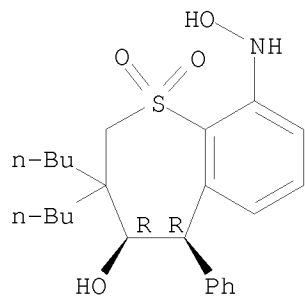


RN 1064588-54-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

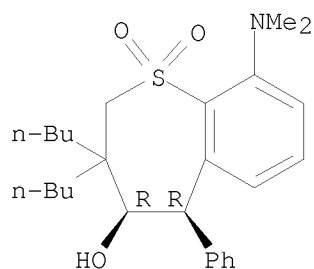
10/590,458



RN 1064588-56-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

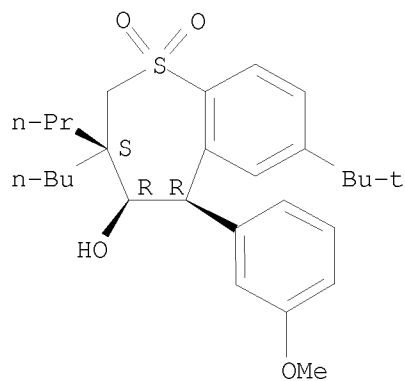
Absolute stereochemistry.



RN 1064588-57-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

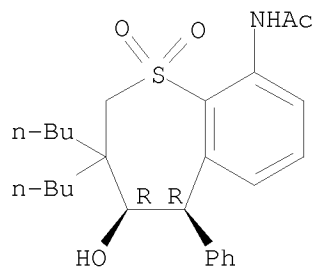


RN 1064588-58-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

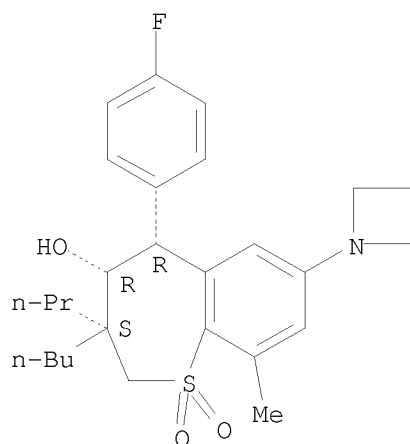
Absolute stereochemistry.

10/590,458



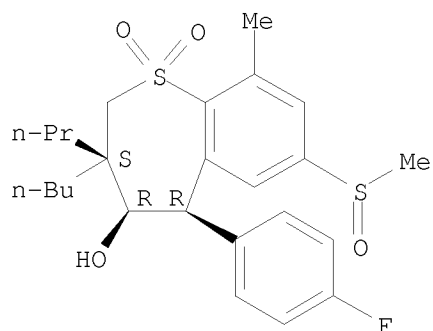
RN 1064588-59-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064588-61-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

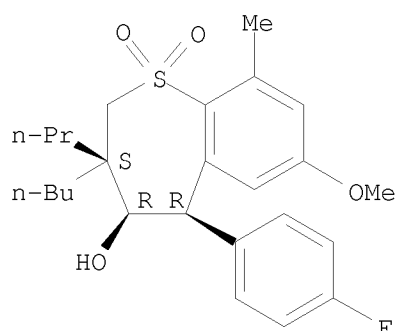
Absolute stereochemistry.



RN 1064588-62-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-9-methyl-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

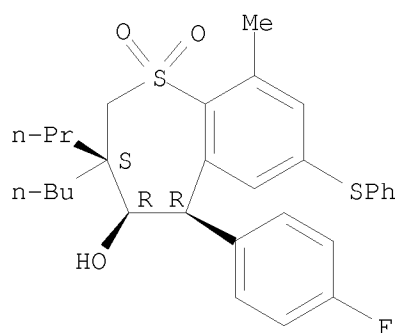
10/590,458

Absolute stereochemistry.



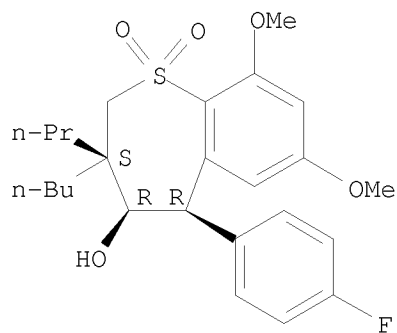
RN 1064588-63-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064588-64-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethoxy-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

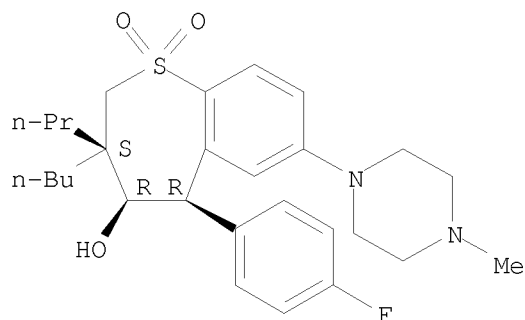


RN 1064588-65-3 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

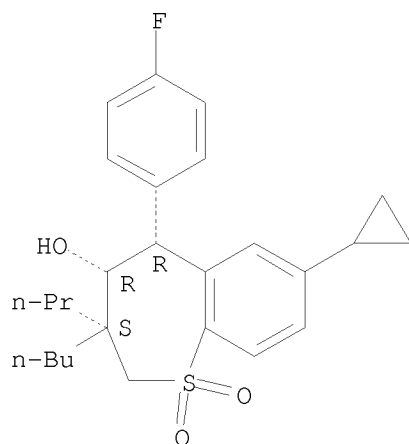
Absolute stereochemistry.



RN 1064588-67-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

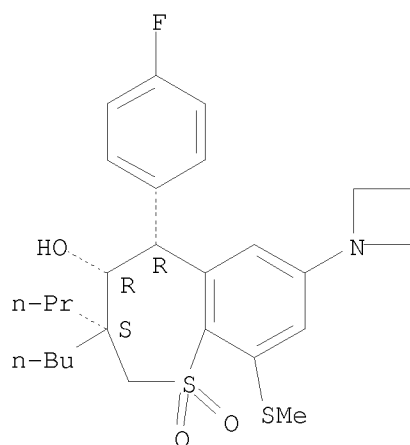


RN 1064588-68-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

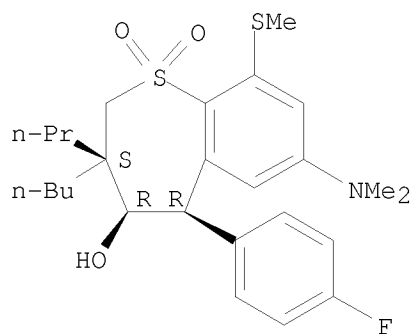
Absolute stereochemistry.

10/590,458



RN 1064588-69-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

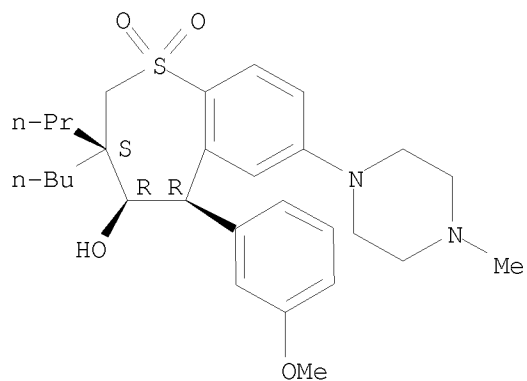
Absolute stereochemistry.



RN 1064588-70-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

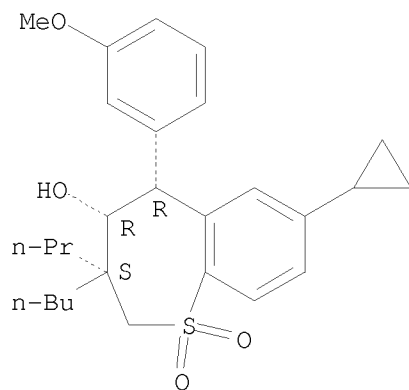
Absolute stereochemistry.

10/590,458



RN 1064588-72-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

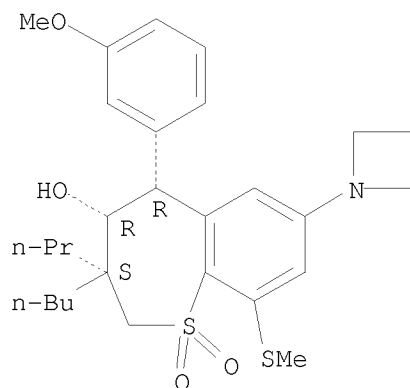
Absolute stereochemistry.



RN 1064588-73-3 CAPLUS
CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

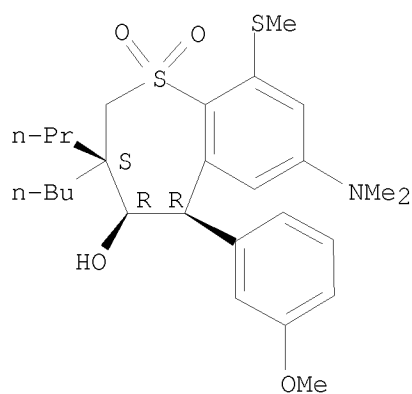
Absolute stereochemistry.

10/590,458



RN 1064588-74-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

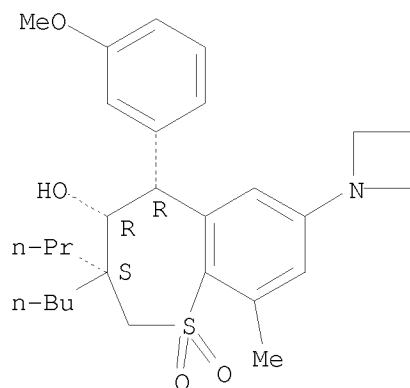
Absolute stereochemistry.



RN 1064588-76-6 CAPLUS
CN 1-Benzothiepin-4-ol, 7-(1-azetidinyl)-3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

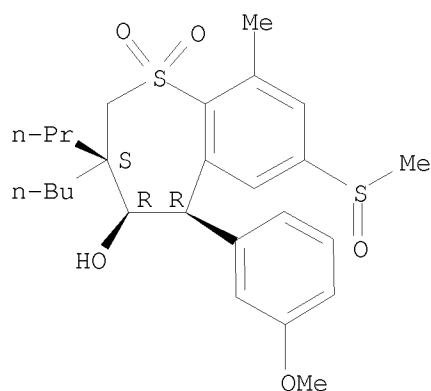
10/590,458



RN 1064588-77-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfinyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

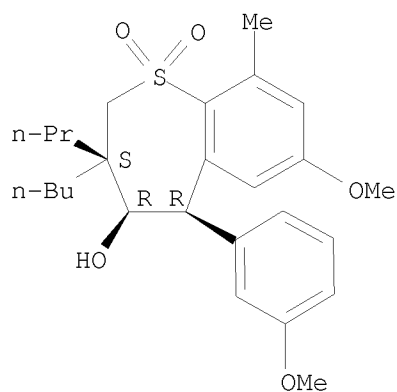


RN 1064588-79-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-9-methyl-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

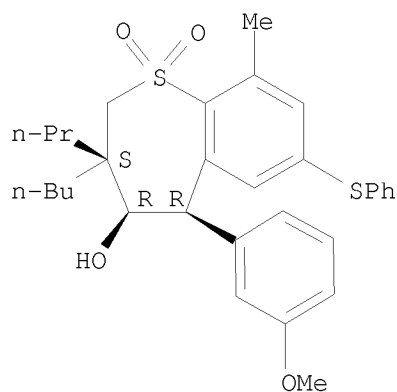
10/590,458



RN 1064588-80-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(phenylthio)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

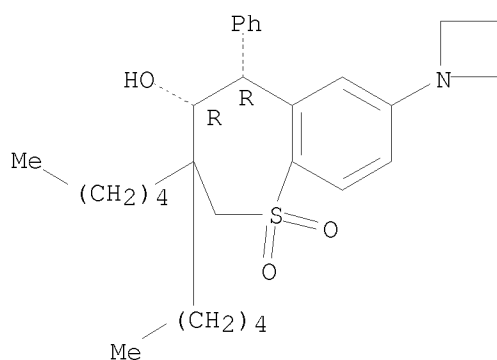


RN 1064589-02-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

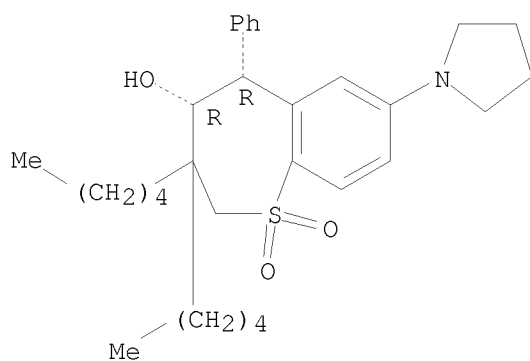
10/590,458



RN 1064589-03-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

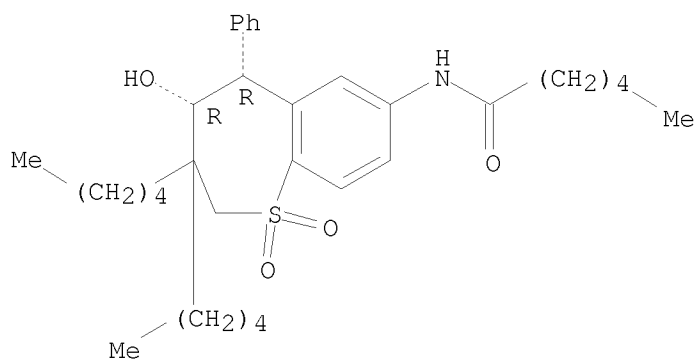
Absolute stereochemistry.



RN 1064589-05-4 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

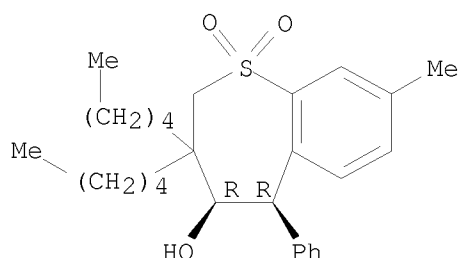


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RN 1064589-06-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methyl-3,3-dipentyl-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

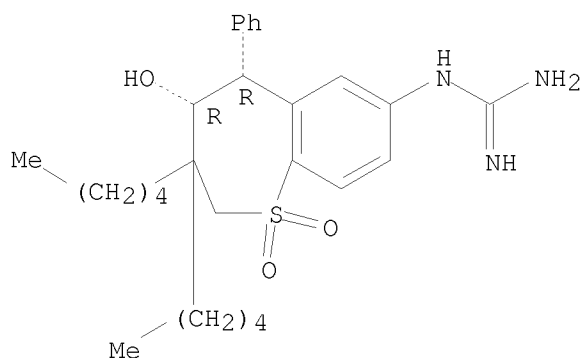
Absolute stereochemistry.



RN 1064589-07-6 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-
dipentyl-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

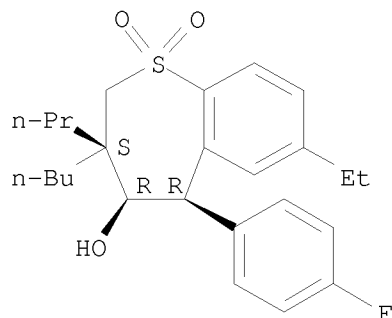
Absolute stereochemistry.



RN 1064589-08-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

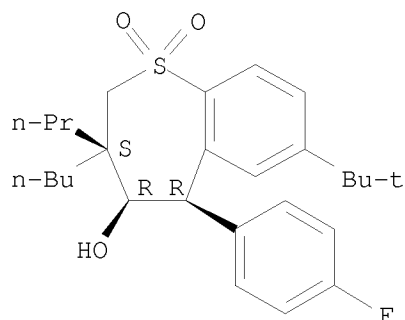


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RN 1064589-09-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

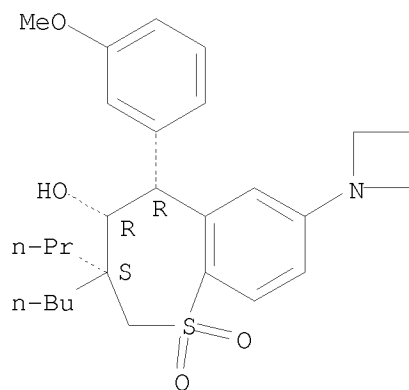
Absolute stereochemistry.



RN 1064589-10-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

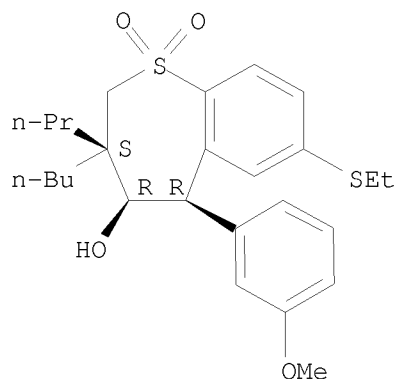


RN 1064589-11-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

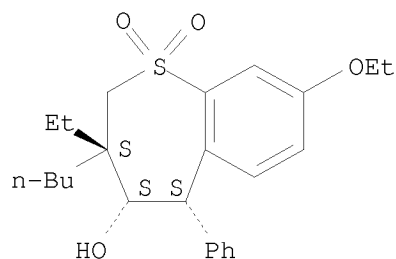
10/590,458



RN 1064589-14-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

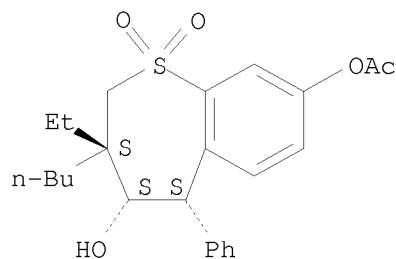
Absolute stereochemistry.



RN 1064589-15-6 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 8-acetate, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

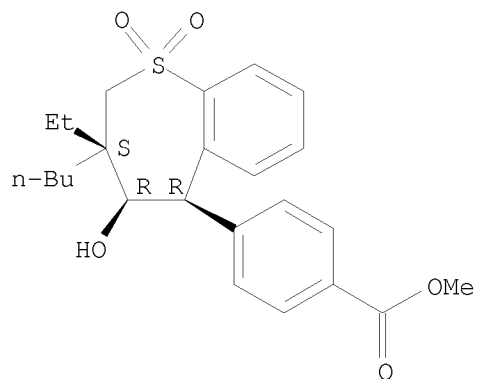


RN 1064589-18-9 CAPLUS

CN Benzoic acid, 4-[(3S,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

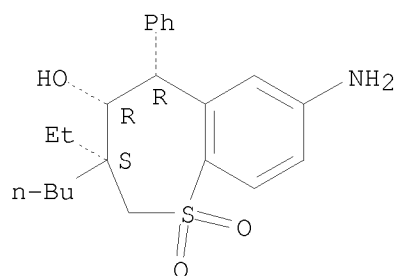
10/590,458



RN 1064589-20-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

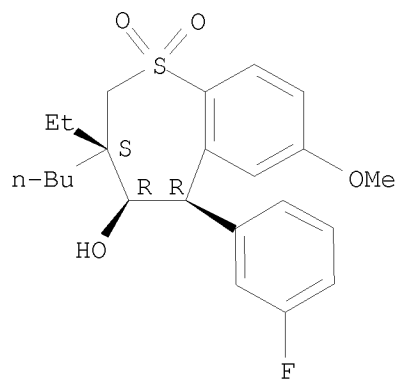
Absolute stereochemistry.



RN 1064589-21-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



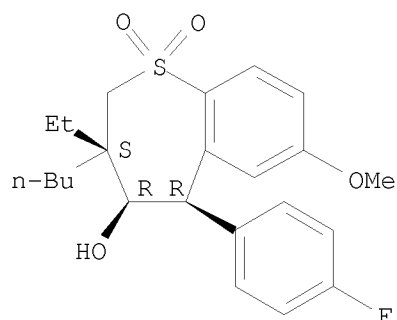
RN 1064589-22-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-

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7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

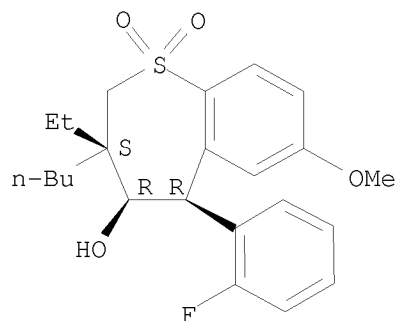
Absolute stereochemistry.



RN 1064589-23-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

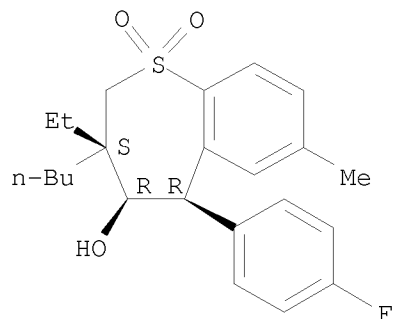
Absolute stereochemistry.



RN 1064589-25-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

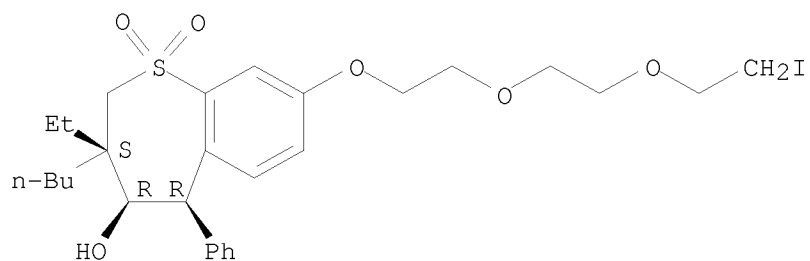


RN 1064589-26-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

10/590,458

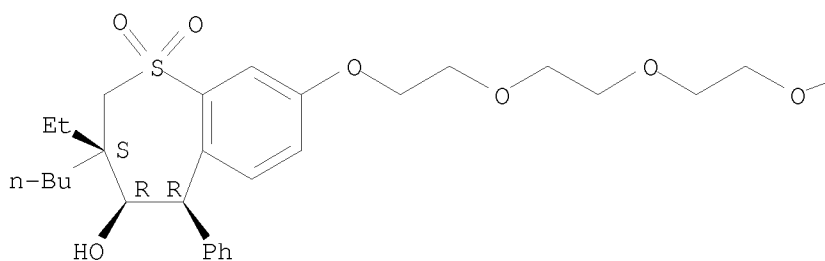
Absolute stereochemistry.



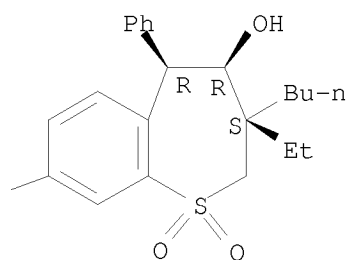
RN 1064589-27-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

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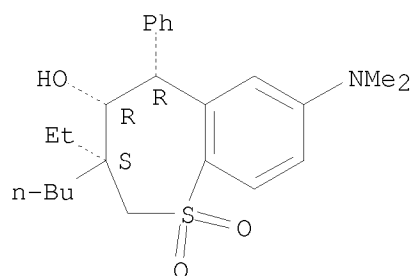
PAGE 1-B



RN 1064589-28-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

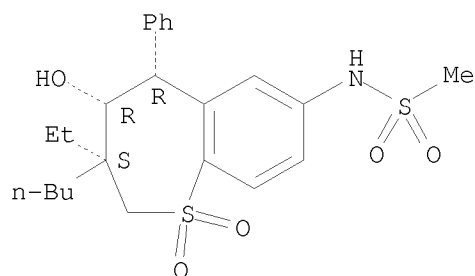
10/590,458



RN 1064589-31-6 CAPLUS

CN Methanesulfonamide, N-[(3S,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

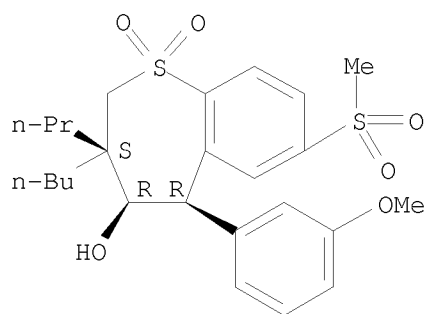
Absolute stereochemistry.



RN 1064589-33-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfonyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

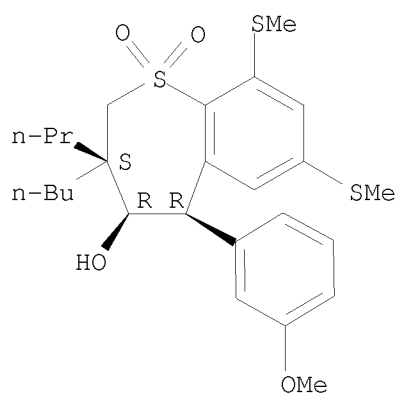


RN 1064589-34-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-bis(methylthio)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

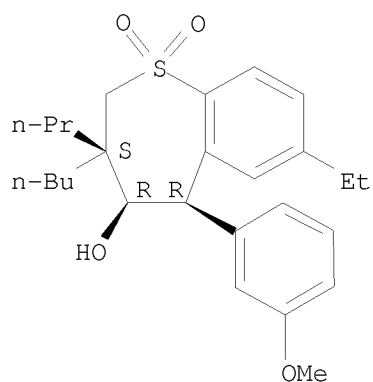
Absolute stereochemistry.

10/590,458



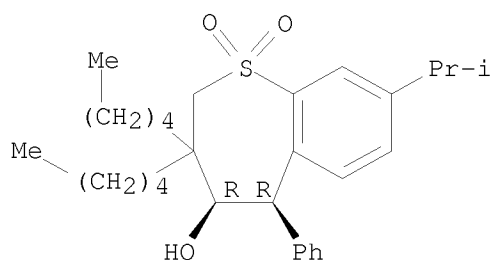
RN 1064589-35-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064589-37-2 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

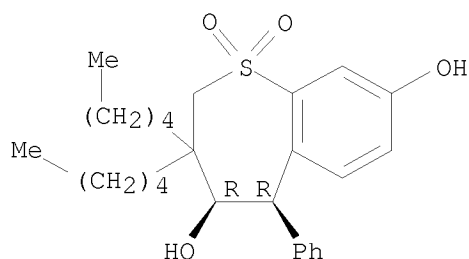
Absolute stereochemistry.



RN 1064589-38-3 CAPLUS
CN 1-Benzothiepin-4,8-diol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

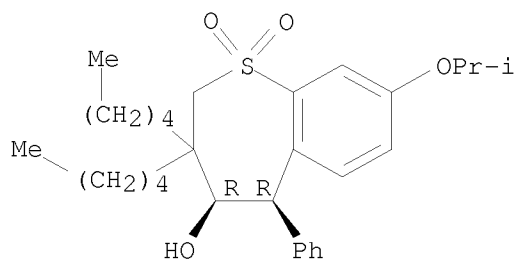
Absolute stereochemistry.



RN 1064589-39-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethoxy)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

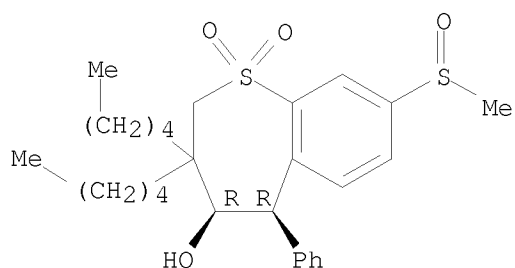
Absolute stereochemistry.



RN 1064589-40-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylethoxy)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

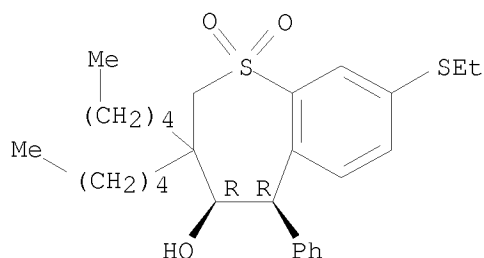


RN 1064589-41-8 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(ethylthio)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

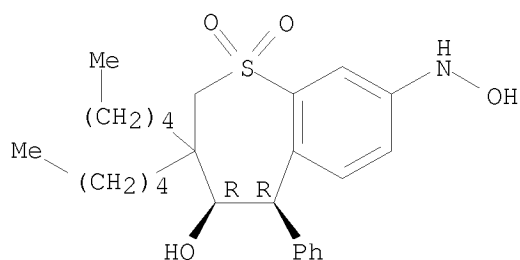
10/590,458



RN 1064589-42-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(hydroxyamino)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

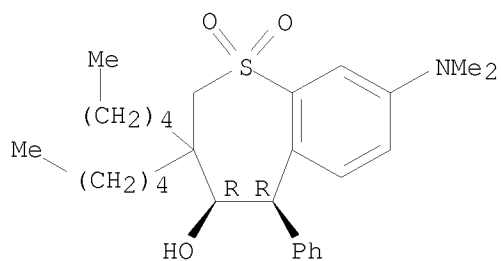
Absolute stereochemistry.



RN 1064589-44-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

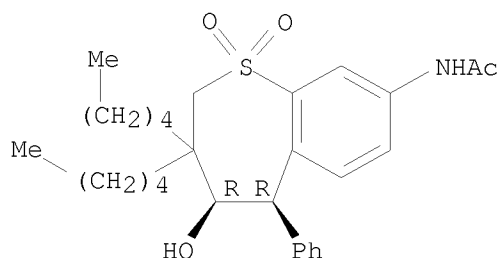


RN 1064589-45-2 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

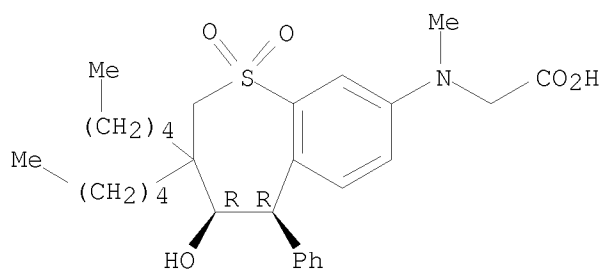
10/590,458



RN 1064589-46-3 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

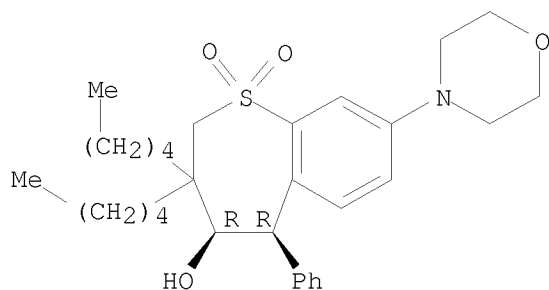
Absolute stereochemistry.



RN 1064589-47-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(4-morpholinyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

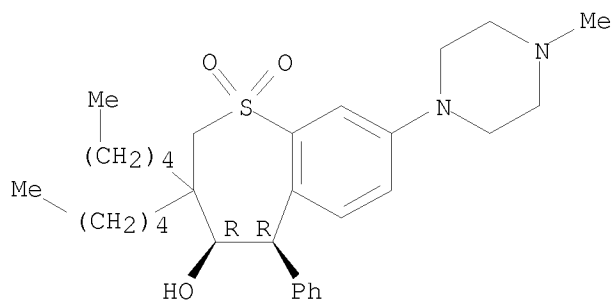


RN 1064589-48-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

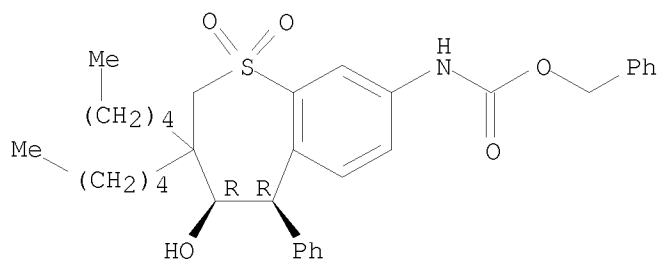
Absolute stereochemistry.

10/590,458



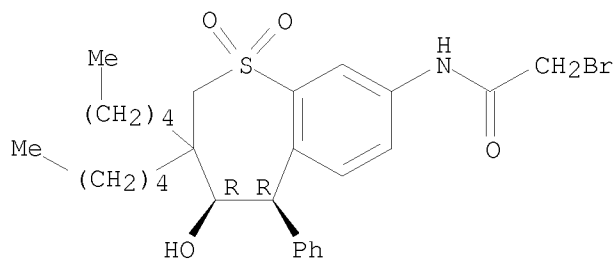
RN 1064589-49-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064589-50-9 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

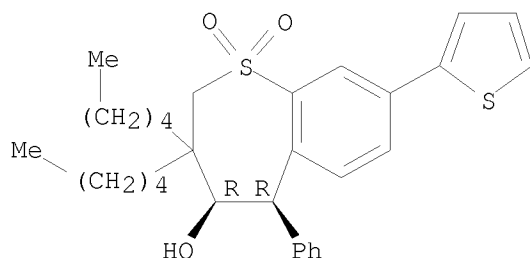
Absolute stereochemistry.



RN 1064589-52-1 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

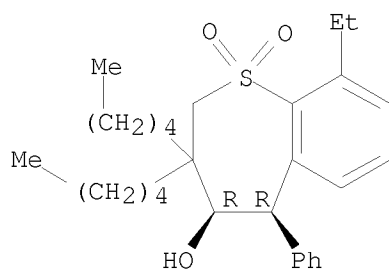
10/590,458



RN 1064589-53-2 CAPLUS

CN 1-Benzothiepin-4-ol, 9-ethyl-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

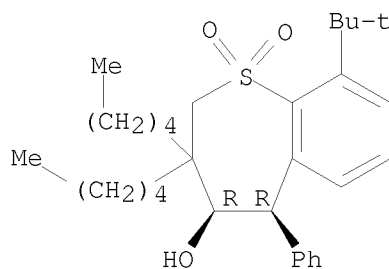
Absolute stereochemistry.



RN 1064589-54-3 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

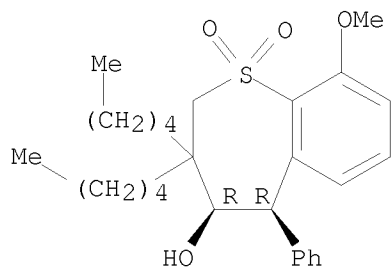


RN 1064589-55-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methoxy-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

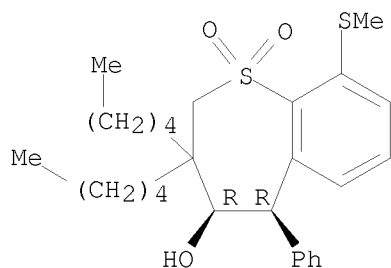
Absolute stereochemistry.

10/590,458



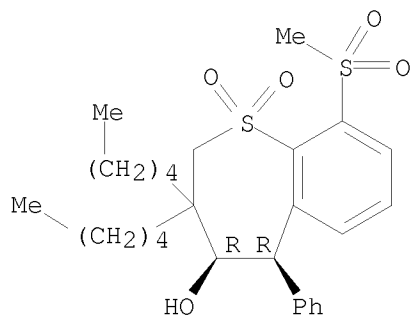
RN 1064589-56-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064589-58-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

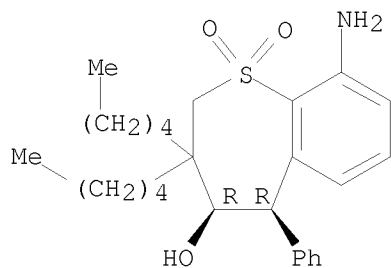
Absolute stereochemistry.



RN 1064589-59-8 CAPLUS
CN 1-Benzothiepin-4-ol, 9-amino-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

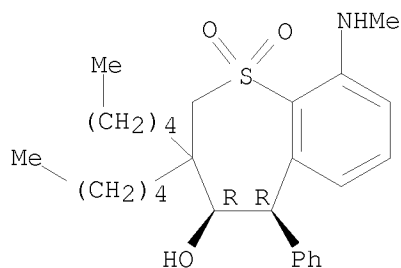
Absolute stereochemistry.

10/590,458



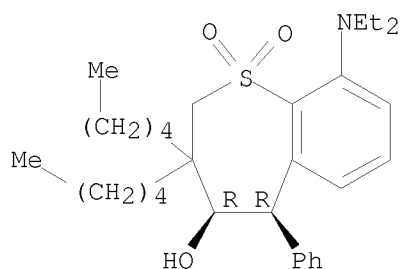
RN 1064589-60-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064589-61-2 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(diethylamino)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

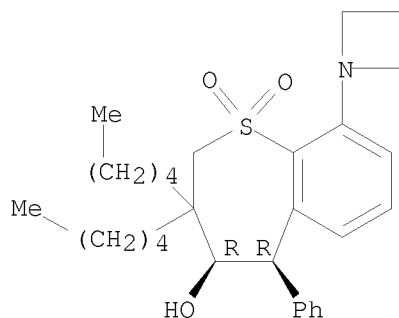
Absolute stereochemistry.



RN 1064589-63-4 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(1-azetidiny1)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

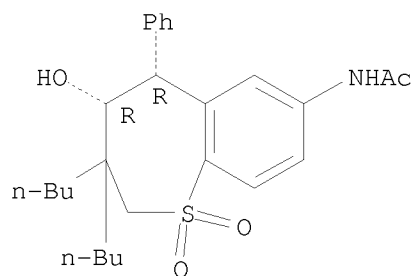
10/590,458



RN 1064589-64-5 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

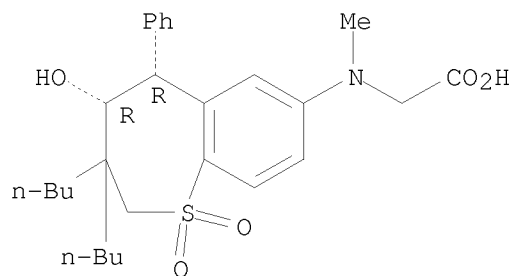
Absolute stereochemistry.



RN 1064589-65-6 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-N-methyl- (CA INDEX NAME)

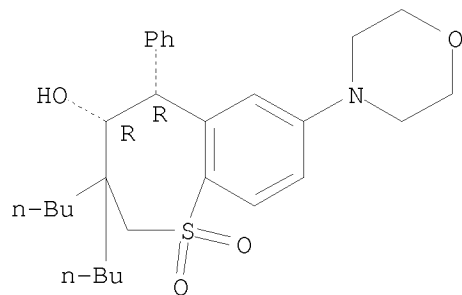
Absolute stereochemistry.



RN 1064589-66-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

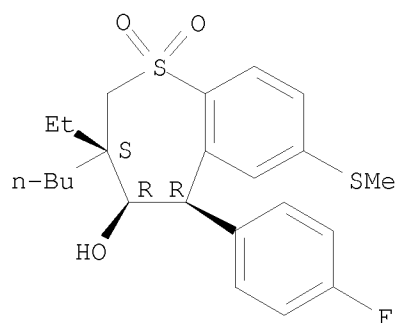
Absolute stereochemistry.



RN 1064589-68-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT	1064589-69-0	1064589-70-3	1064589-72-5
	1064589-73-6	1064589-74-7	1064589-75-8
	1064589-76-9	1064589-77-0	1064589-79-2
	1064589-80-5	1064589-81-6	1064589-82-7
	1064589-83-8	1064589-84-9	1064589-85-0
	1064589-86-1	1064589-87-2	1064589-88-3
	1064589-89-4	1064589-90-7	1064589-91-8
	1064589-92-9	1064589-93-0	1064589-94-1
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1064592-53-5	1064592-54-6	

RL: PRPH (Prophetic)

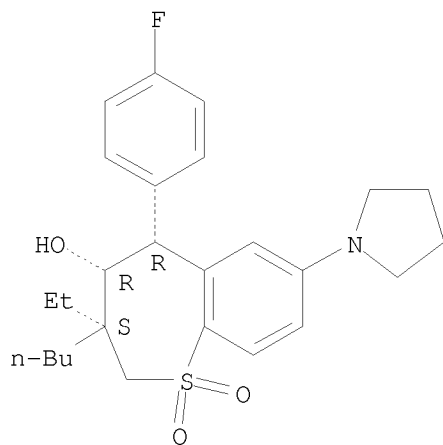
(Mono- and di-fluorinated benzothiepinines as inhibitors of apical sodium

co-dependent bile acid transport (ASBT) and taurocholate uptake for
treating hyperlipidemic conditions and methods for preparation)

RN 1064589-69-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

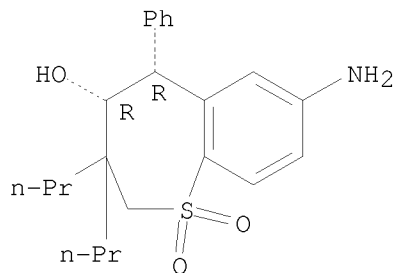
Absolute stereochemistry.



RN 1064589-70-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

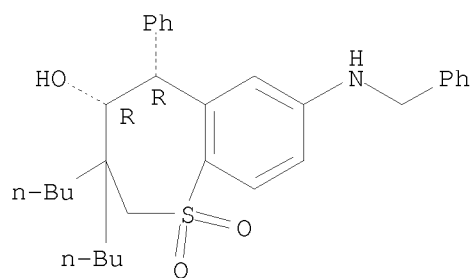


RN 1064589-72-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-
[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

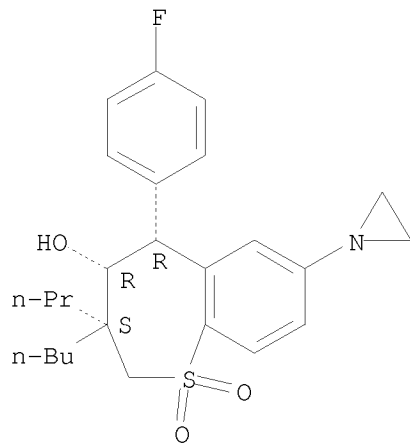
10/590,458



RN 1064589-73-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

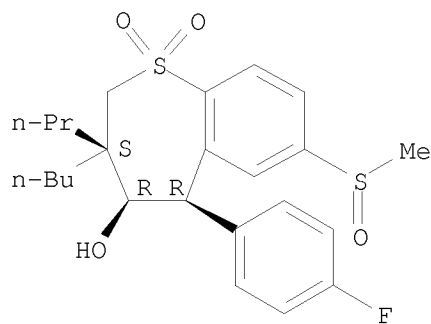
Absolute stereochemistry.



RN 1064589-74-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfinyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

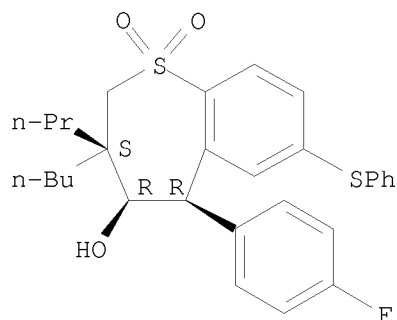


RN 1064589-75-8 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(phenylthio)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

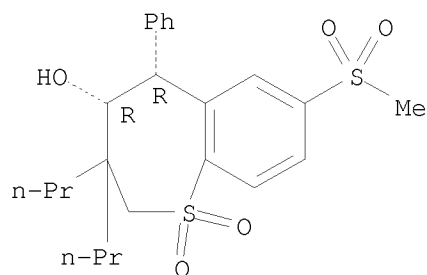
Absolute stereochemistry.



RN 1064589-76-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylsulfonyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

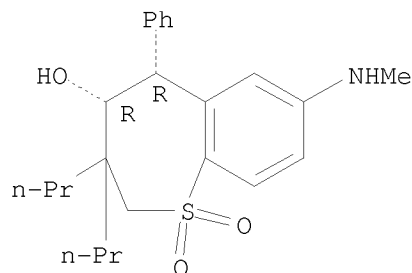
Absolute stereochemistry.



RN 1064589-77-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylanino)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

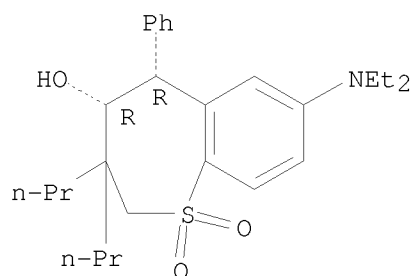


RN 1064589-79-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

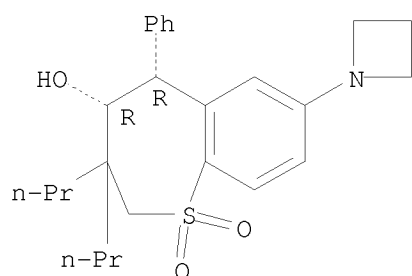
Absolute stereochemistry.



RN 1064589-80-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

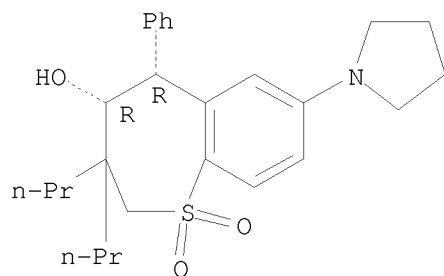
Absolute stereochemistry.



RN 1064589-81-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

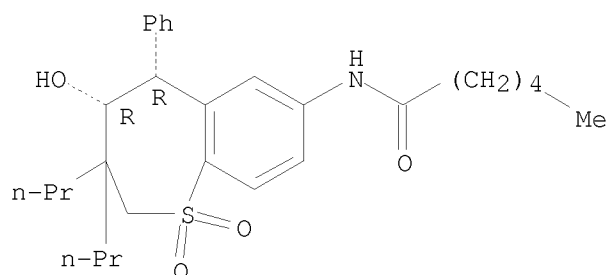


RN 1064589-82-7 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

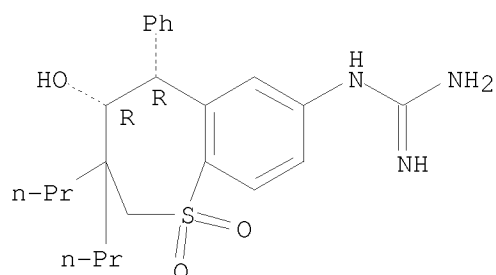
10/590,458



RN 1064589-83-8 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

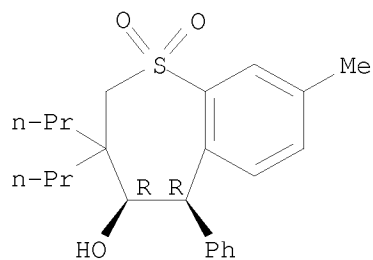
Absolute stereochemistry.



RN 1064589-84-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

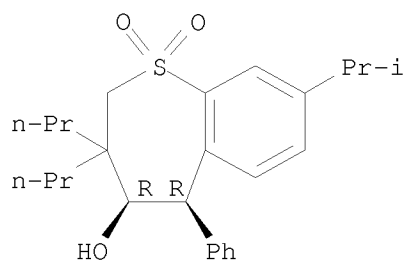


RN 1064589-85-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

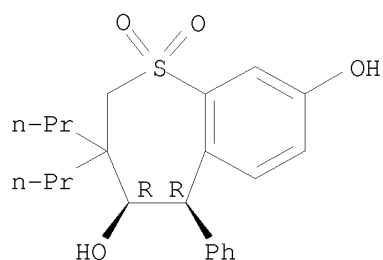
10/590,458



RN 1064589-86-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

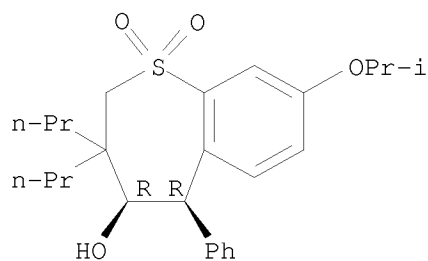
Absolute stereochemistry.



RN 1064589-87-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethoxy)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

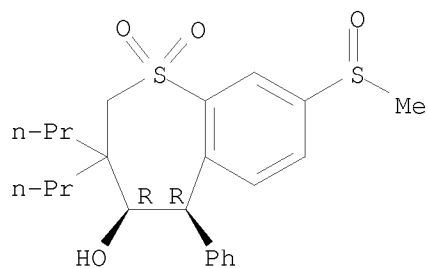


RN 1064589-88-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylsulfinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

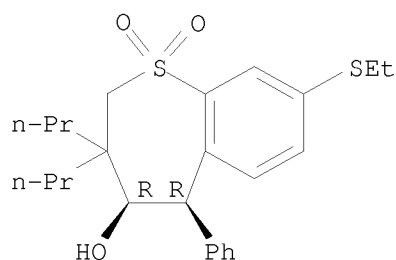
10/590,458



RN 1064589-89-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

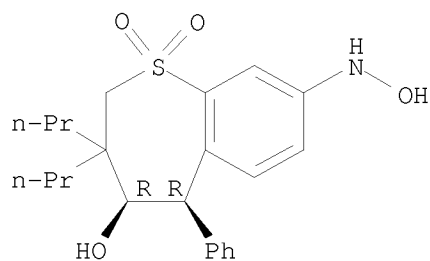
Absolute stereochemistry.



RN 1064589-90-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(hydroxyamino)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

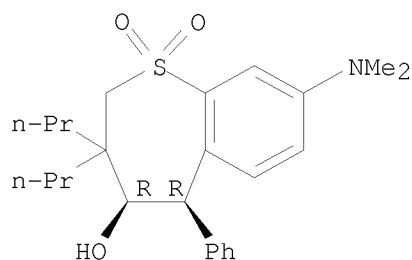


RN 1064589-91-8 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

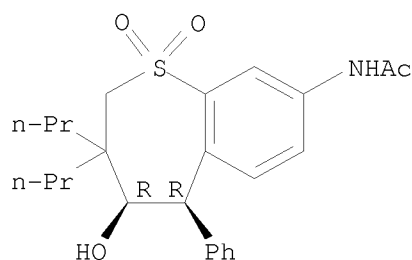
10/590,458



RN 1064589-92-9 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

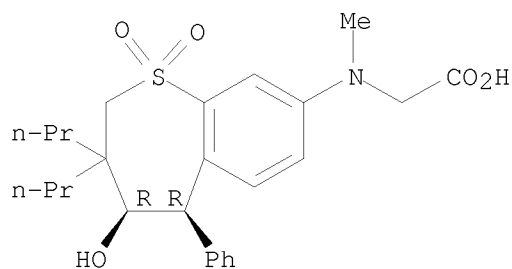
Absolute stereochemistry.



RN 1064589-93-0 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

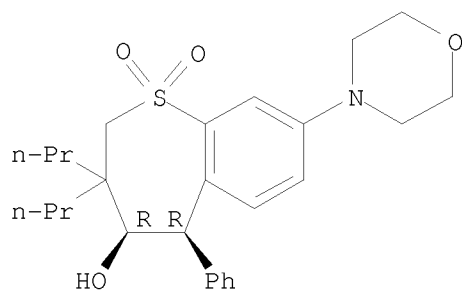


RN 1064589-94-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(4-morpholinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

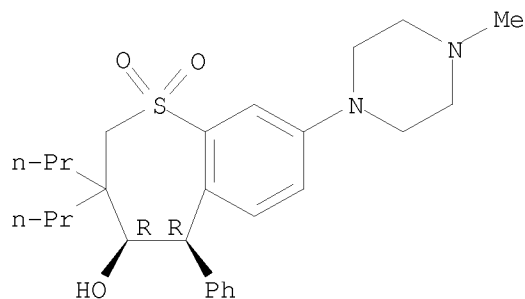
10/590,458



RN 1064589-95-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

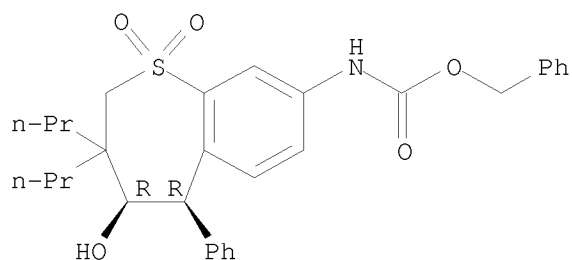
Absolute stereochemistry.



RN 1064589-96-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

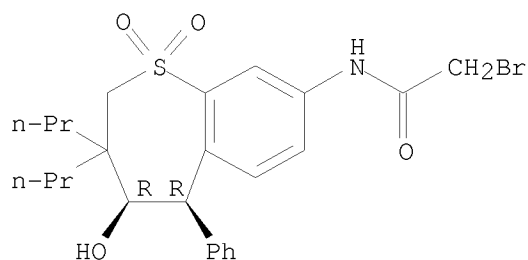


RN 1064589-97-4 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

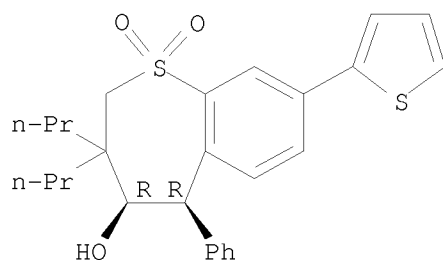
10/590,458



RN 1064589-98-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

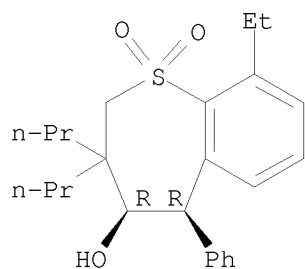
Absolute stereochemistry.



RN 1064589-99-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-ethyl-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

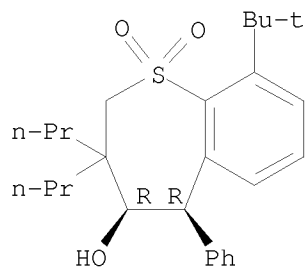


RN 1064590-00-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

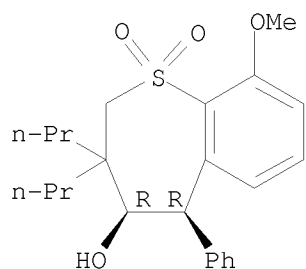
10/590,458



RN 1064590-01-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methoxy-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

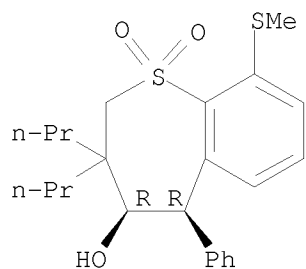
Absolute stereochemistry.



RN 1064590-02-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(methylthio)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

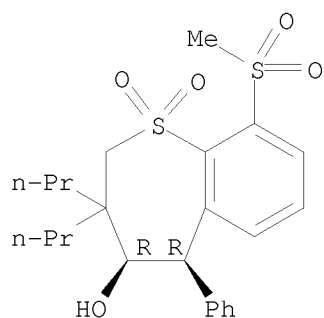


RN 1064590-03-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(methylsulfonyl)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

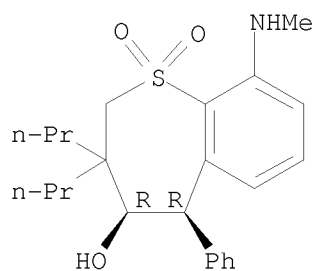
10/590,458



RN 1064590-04-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-(methylamino)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

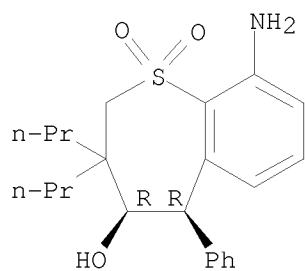
Absolute stereochemistry.



RN 1064590-05-1 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

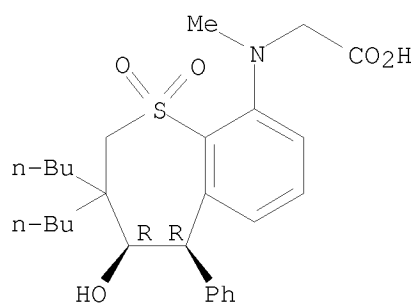


RN 1064590-06-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

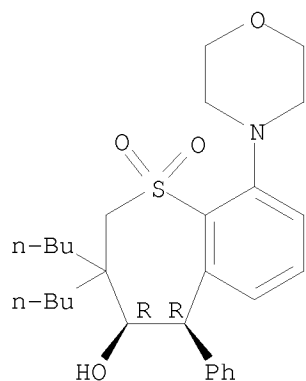
Absolute stereochemistry.

10/590,458



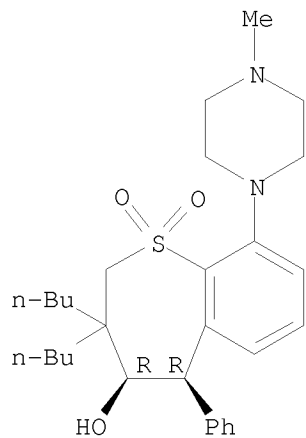
RN 1064590-07-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064590-08-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

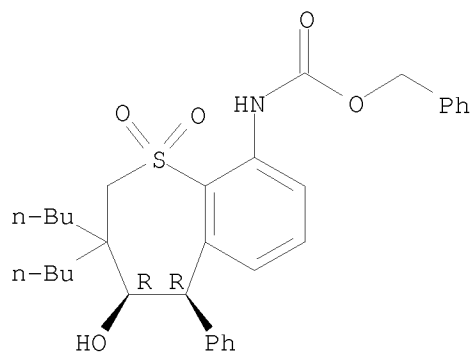


RN 1064590-09-5 CAPLUS

10/590,458

CN INDEX NAME NOT YET ASSIGNED

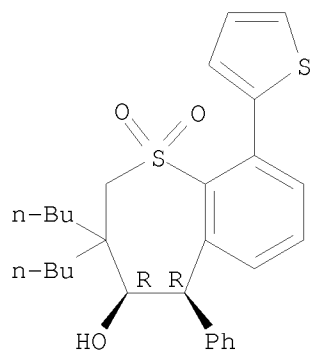
Absolute stereochemistry.



RN 1064590-10-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

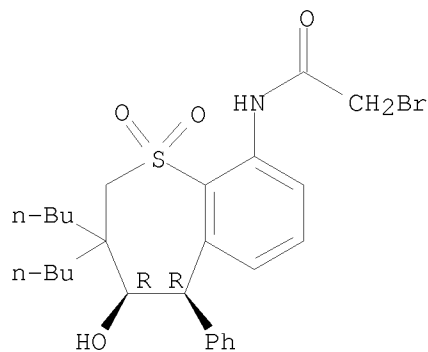
Absolute stereochemistry.



RN 1064590-11-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

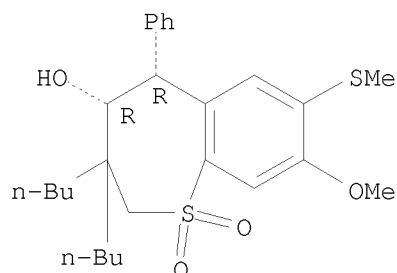


10/590,458

RN 1064590-12-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-methoxy-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

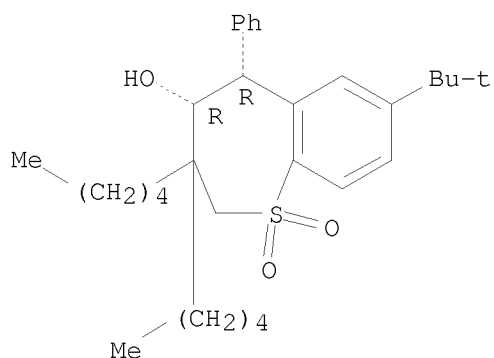
Absolute stereochemistry.



RN 1064590-13-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

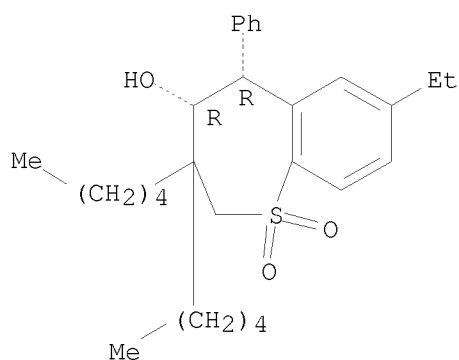


RN 1064590-14-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-ethyl-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

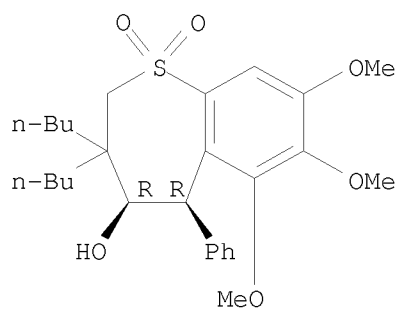
10/590,458



RN 1064590-15-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

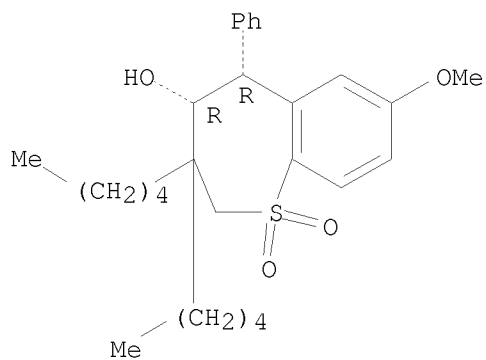
Absolute stereochemistry.



RN 1064590-16-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methoxy-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

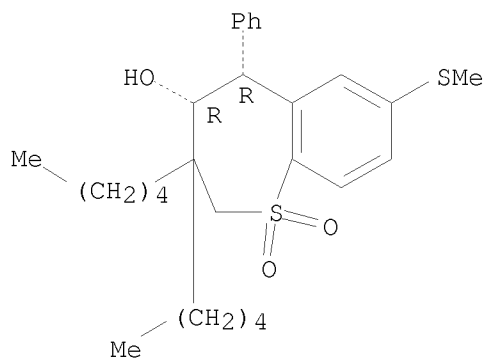


RN 1064590-17-5 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylthio)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

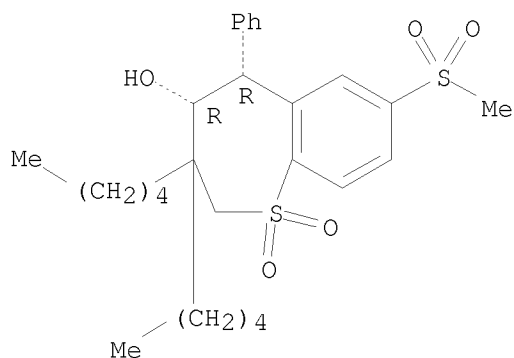
Absolute stereochemistry.



RN 1064590-18-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylsulfonyl)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

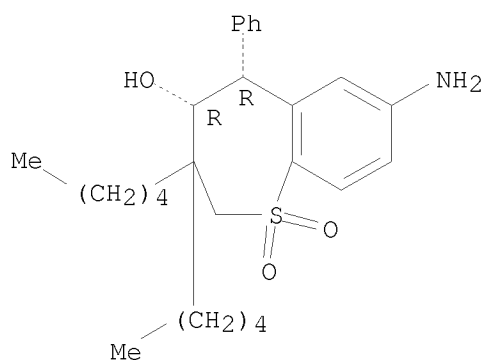


RN 1064590-19-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

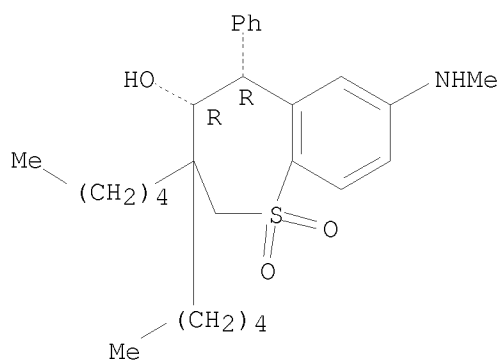
10/590,458



RN 1064590-20-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylamino)-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

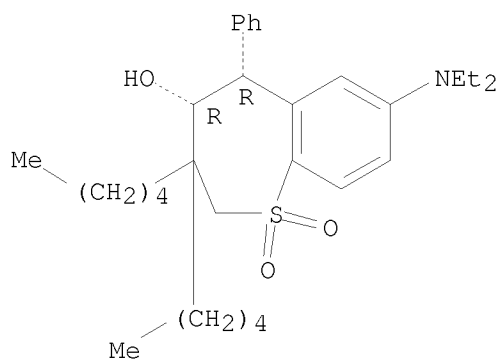
Absolute stereochemistry.



RN 1064590-21-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-2,3,4,5-tetrahydro-3,3-dipentyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

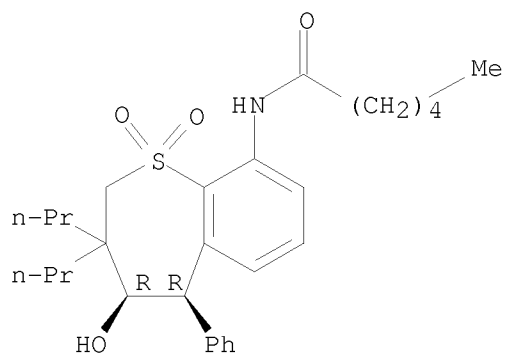
Absolute stereochemistry.



10/590,458

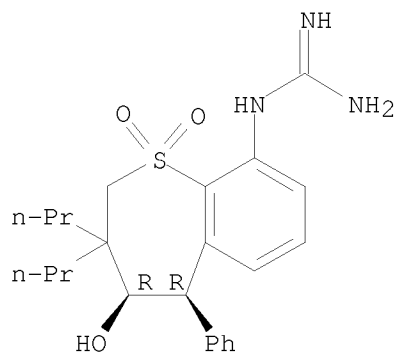
RN 1064590-22-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



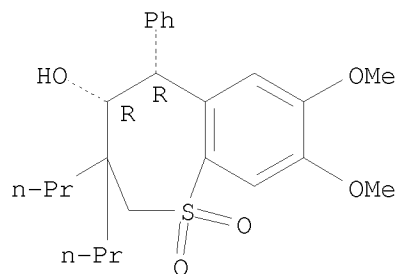
RN 1064590-23-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064590-24-4 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

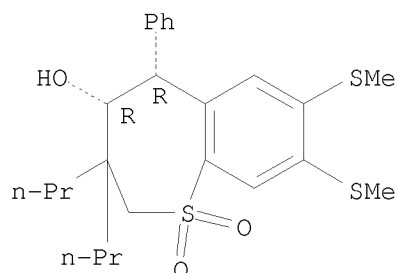


10/590,458

RN 1064590-25-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-bis(methylthio)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

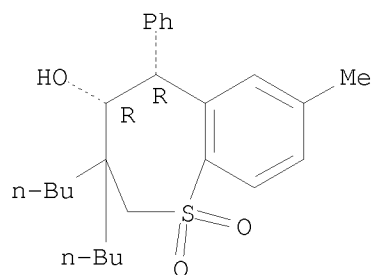
Absolute stereochemistry.



RN 1064590-26-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

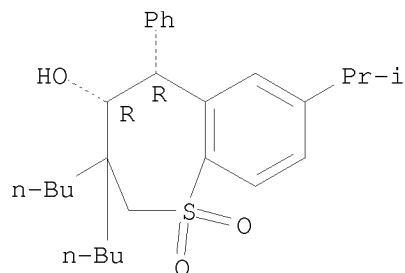
Absolute stereochemistry.



RN 1064590-27-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

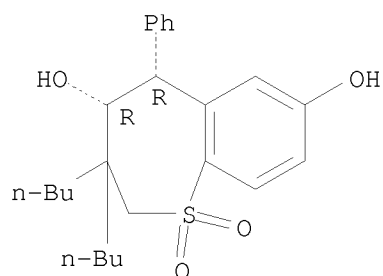


RN 1064590-28-8 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

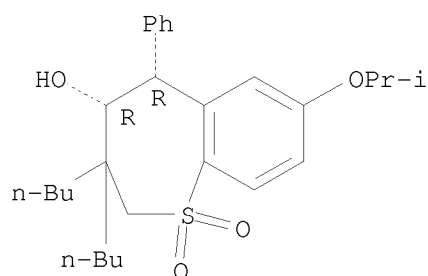
Absolute stereochemistry.



RN 1064590-29-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

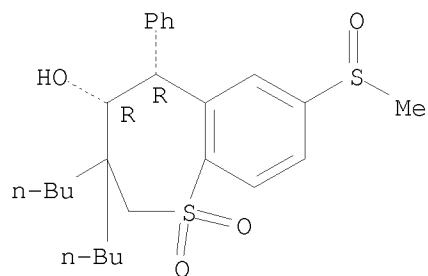
Absolute stereochemistry.



RN 1064590-30-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(methysulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

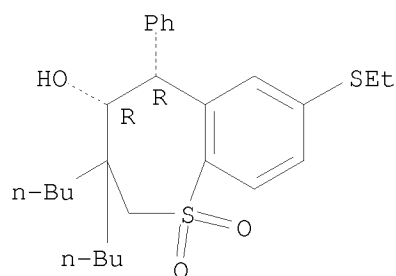


RN 1064590-31-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

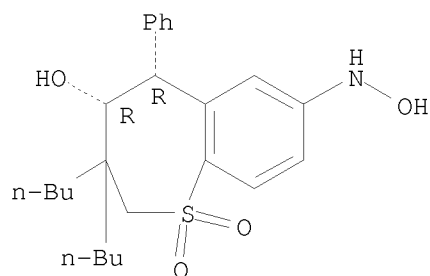
10/590,458



RN 1064590-32-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

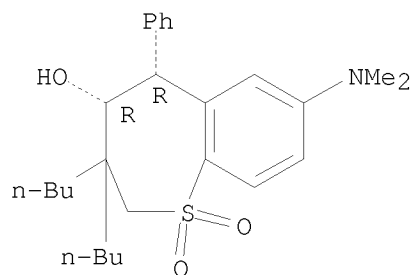
Absolute stereochemistry.



RN 1064590-33-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

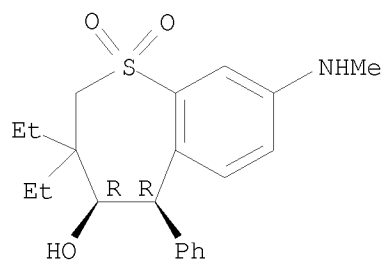


RN 1064590-34-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

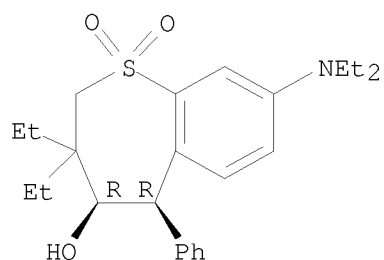
10/590,458



RN 1064590-35-7 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

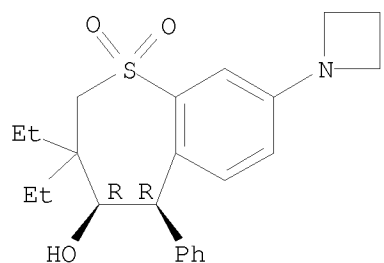
Absolute stereochemistry.



RN 1064590-36-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

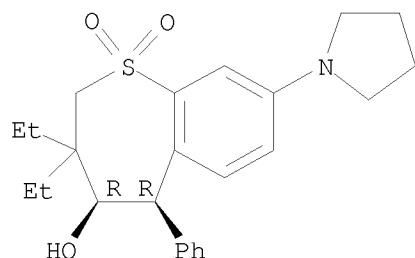


RN 1064590-37-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

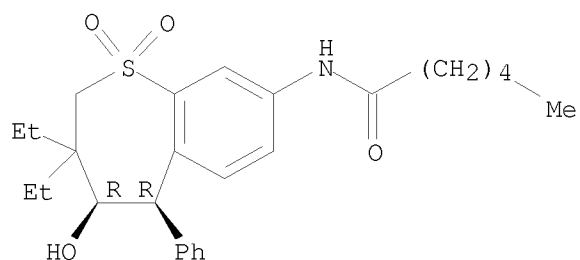
10/590,458



RN 1064590-38-0 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

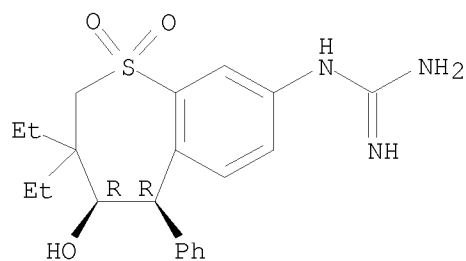
Absolute stereochemistry.



RN 1064590-39-1 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

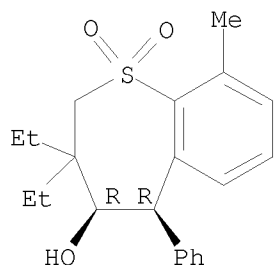


RN 1064590-40-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

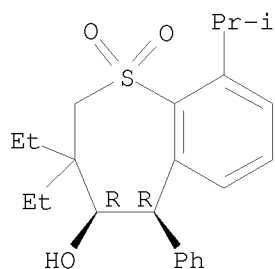
10/590,458



RN 1064590-41-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

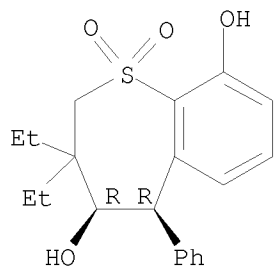
Absolute stereochemistry.



RN 1064590-42-6 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

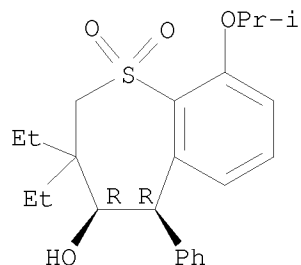


RN 1064590-43-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

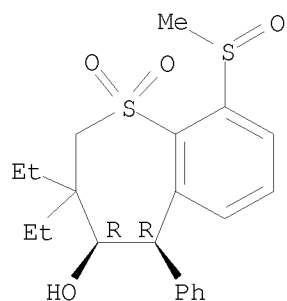
10/590,458



RN 1064590-44-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(methanesulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

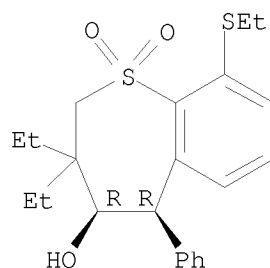
Absolute stereochemistry.



RN 1064590-45-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-9-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

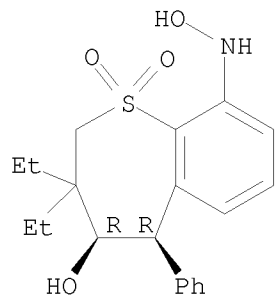


RN 1064590-46-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

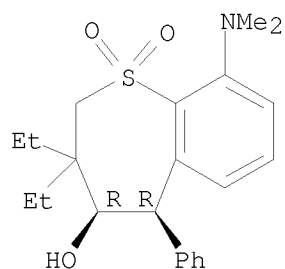
10/590,458



RN 1064590-47-1 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

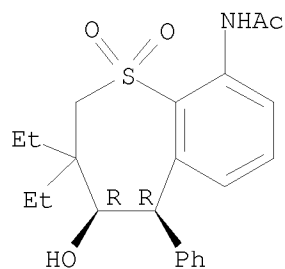
Absolute stereochemistry.



RN 1064590-48-2 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

Absolute stereochemistry.

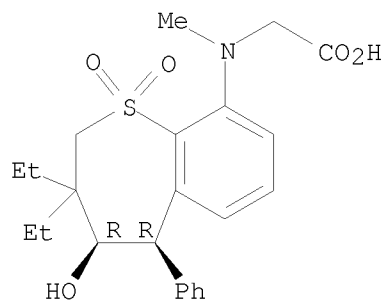


RN 1064590-49-3 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

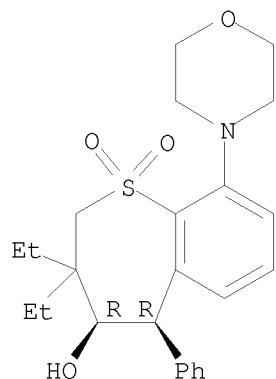
10/590,458



RN 1064590-50-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

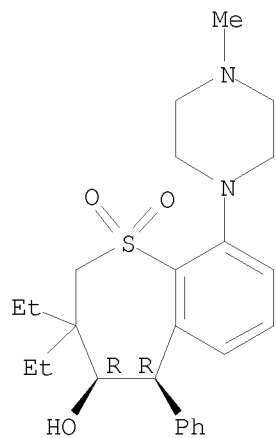
Absolute stereochemistry.



RN 1064590-51-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-9-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

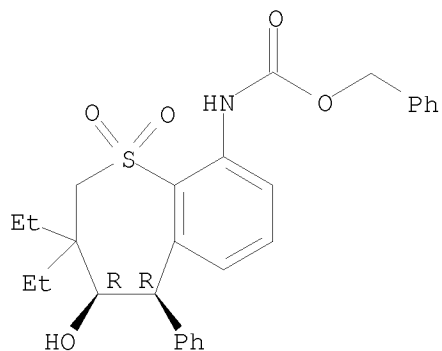
Absolute stereochemistry.



10/590,458

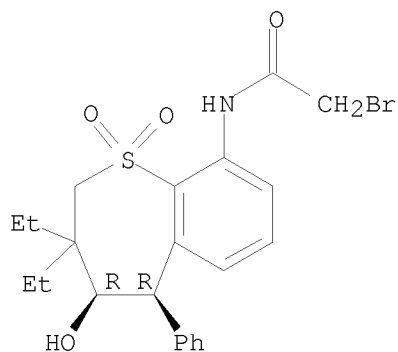
RN 1064590-52-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064590-53-9 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

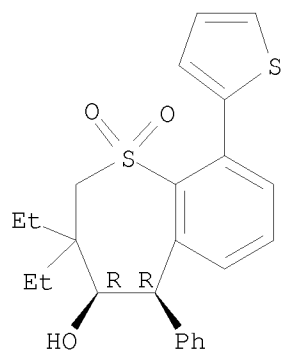
Absolute stereochemistry.



RN 1064590-54-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

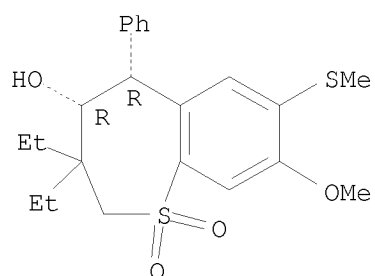
10/590,458



RN 1064590-55-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-methoxy-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

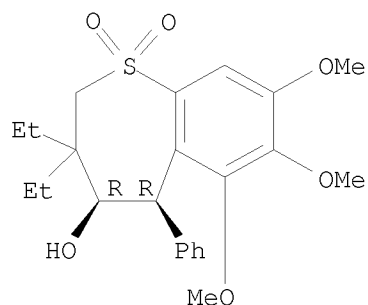
Absolute stereochemistry.



RN 1064590-56-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

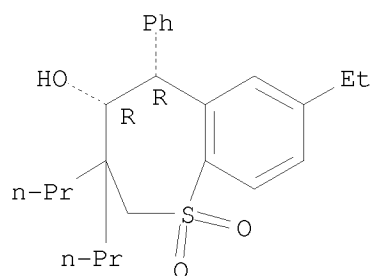


RN 1064590-57-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-ethyl-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

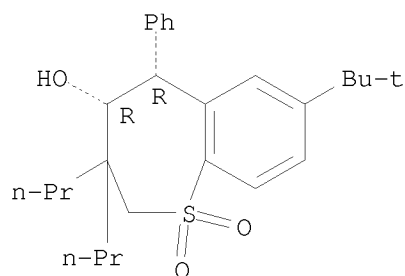
10/590,458



RN 1064590-58-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

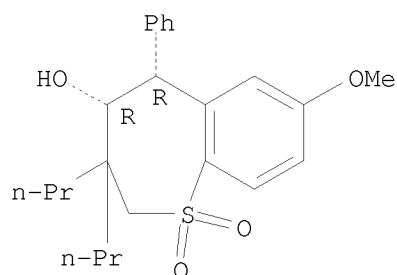
Absolute stereochemistry.



RN 1064590-59-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methoxy-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

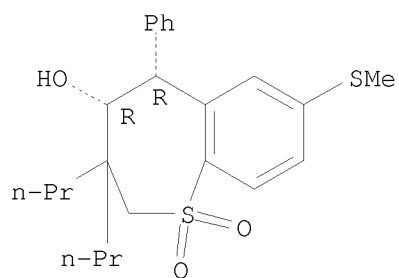


RN 1064590-61-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylthio)-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

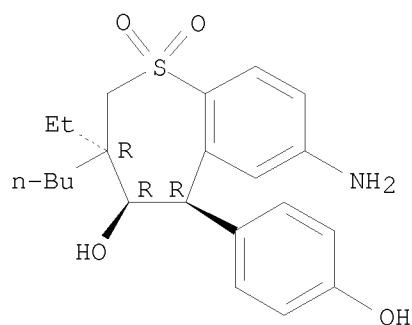
10/590,458



RN 1064590-62-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

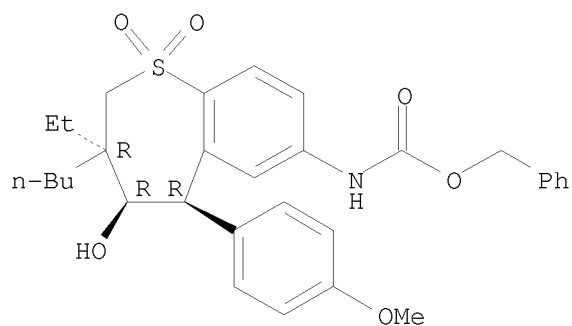
Absolute stereochemistry.



RN 1064590-63-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

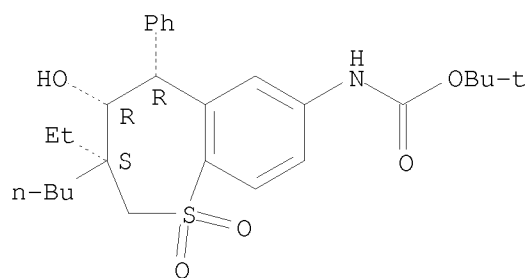


RN 1064590-64-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

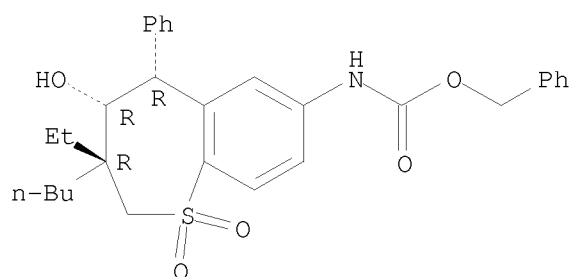
Absolute stereochemistry.

10/590,458



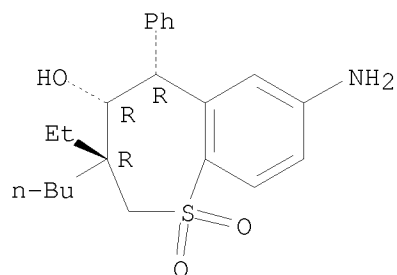
RN 1064590-65-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064590-66-4 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

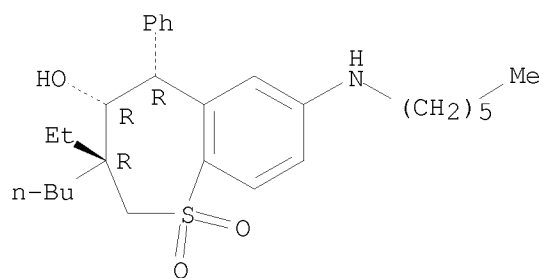
Absolute stereochemistry.



RN 1064590-67-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-
phenyl-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

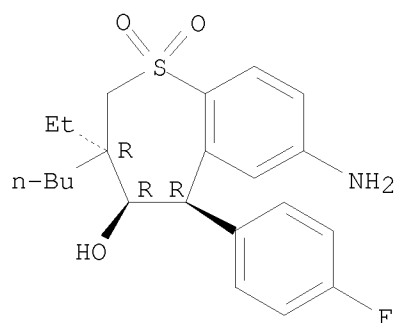
10/590,458



RN 1064590-68-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

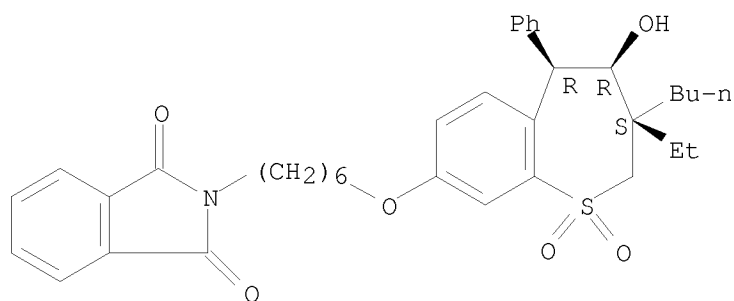
Absolute stereochemistry.



RN 1064590-69-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

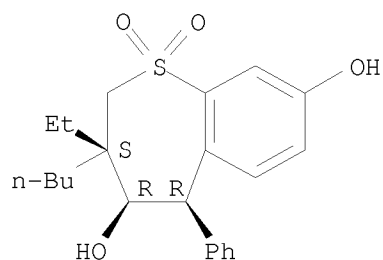


RN 1064590-70-0 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

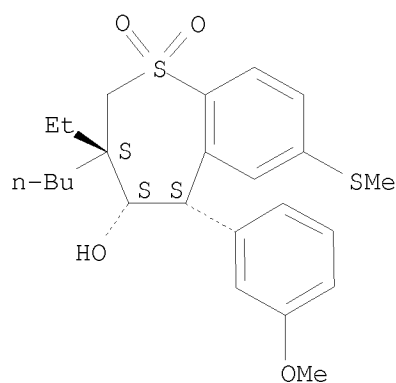
10/590,458



RN 1064590-71-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

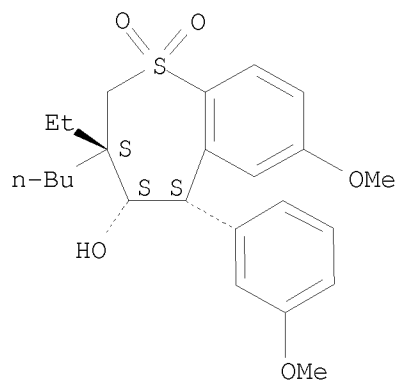
Absolute stereochemistry.



RN 1064590-72-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

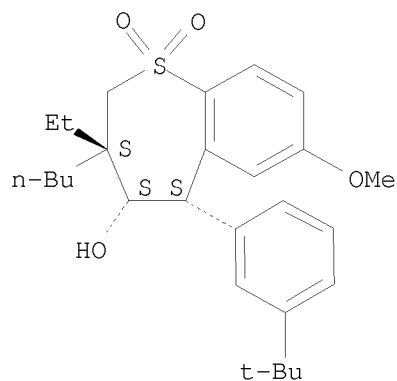


RN 1064590-73-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-[3-(1,1-dimethylethyl)phenyl]-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

10/590,458

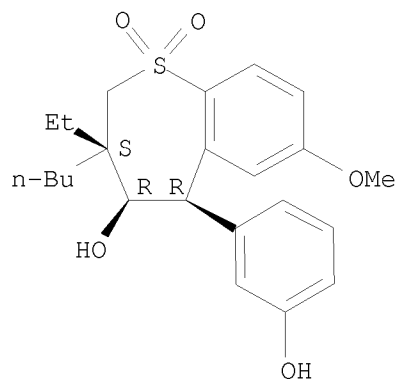
Absolute stereochemistry.



RN 1064590-74-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

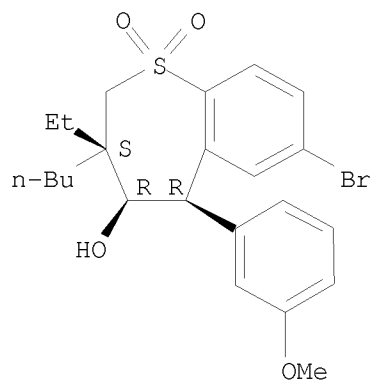


RN 1064590-75-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

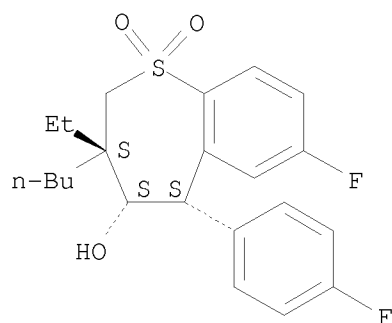
10/590,458



RN 1064590-76-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

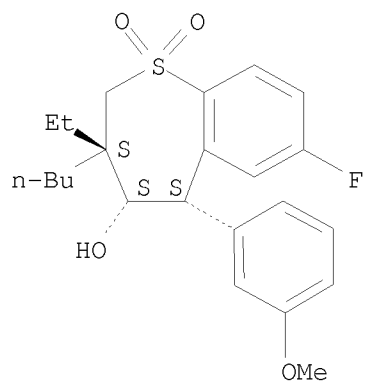
Absolute stereochemistry.



RN 1064590-77-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

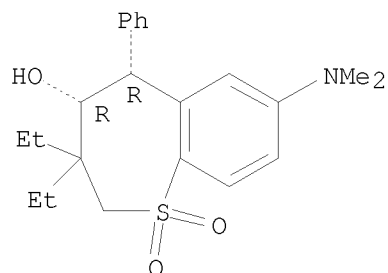


RN 1064590-78-8 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

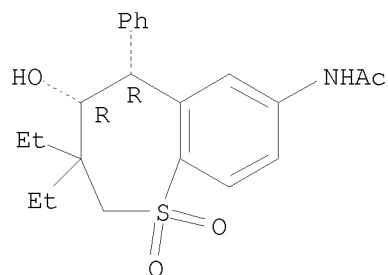
Absolute stereochemistry.



RN 1064590-79-9 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

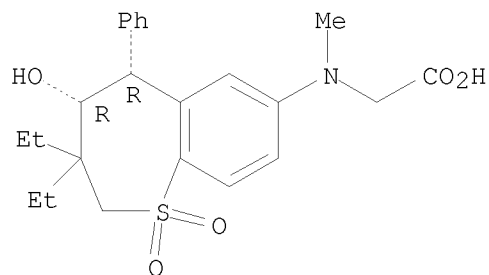
Absolute stereochemistry.



RN 1064590-80-2 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

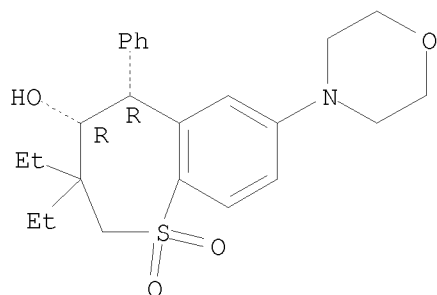


RN 1064590-81-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

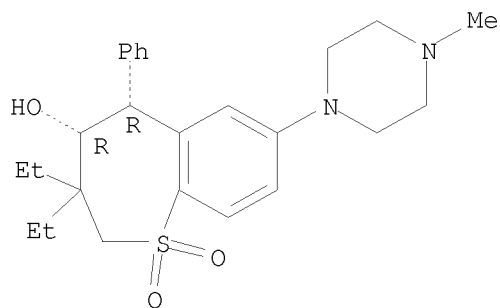
Absolute stereochemistry.



RN 1064590-82-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

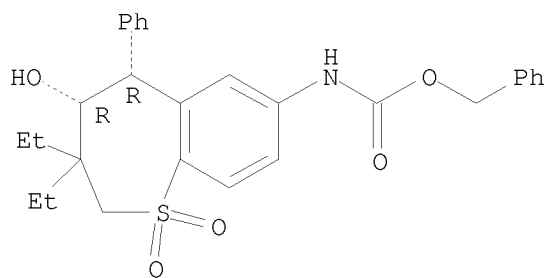
Absolute stereochemistry.



RN 1064590-83-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

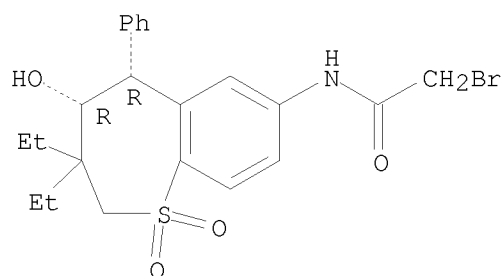


RN 1064590-84-6 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

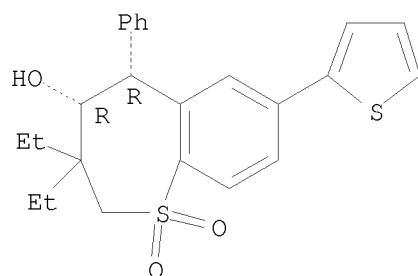
10/590,458



RN 1064590-85-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

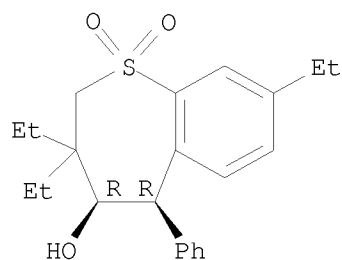
Absolute stereochemistry.



RN 1064590-86-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3,8-triethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

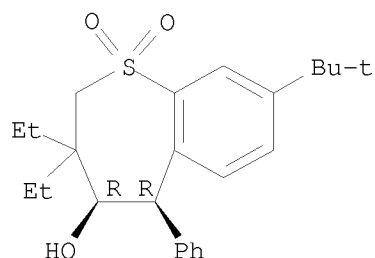


RN 1064590-87-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

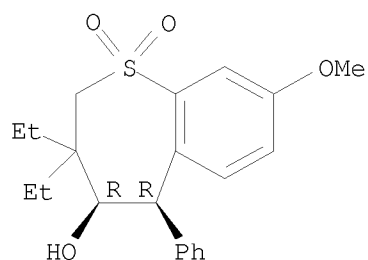
10/590,458



RN 1064590-88-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (4R,5R)- (CA INDEX NAME)

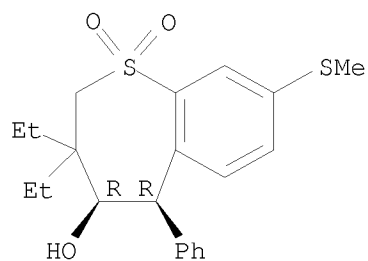
Absolute stereochemistry.



RN 1064590-89-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(methylthio)-5-
phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

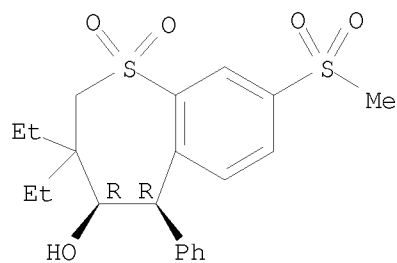


RN 1064590-90-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-8-(methylsulfonyl)-5-
phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

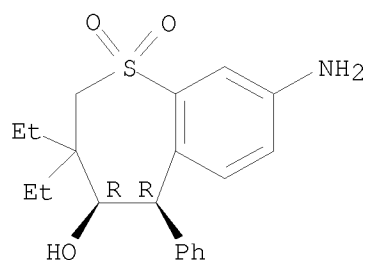
10/590,458



RN 1064590-91-5 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

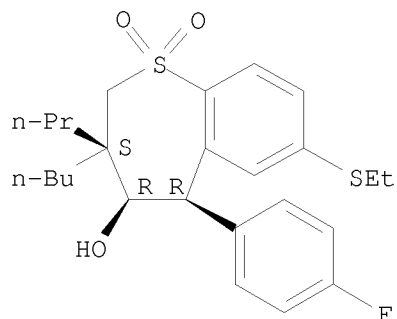
Absolute stereochemistry.



RN 1064590-92-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(ethylthio)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

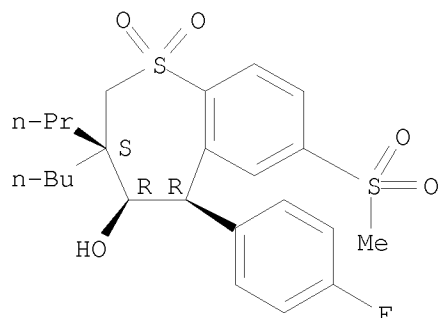


RN 1064590-93-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfonyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

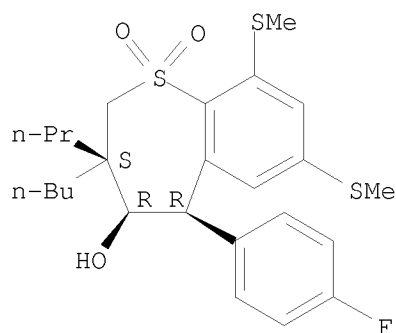
10/590,458



RN 1064590-94-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-bis(methylthio)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

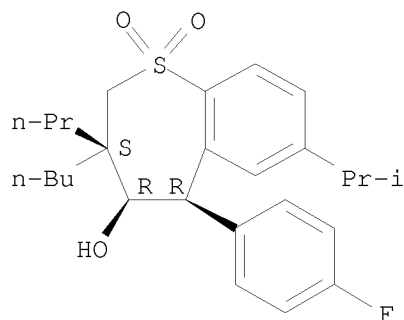
Absolute stereochemistry.



RN 1064590-95-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

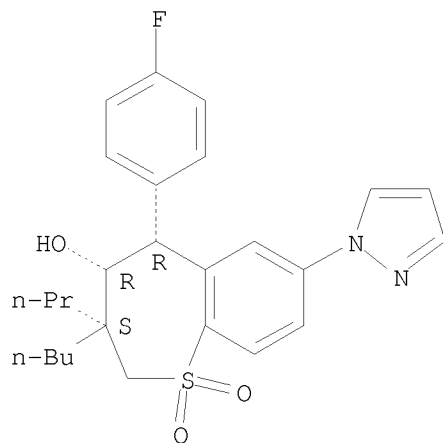


RN 1064590-96-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-3-propyl-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

10/590,458

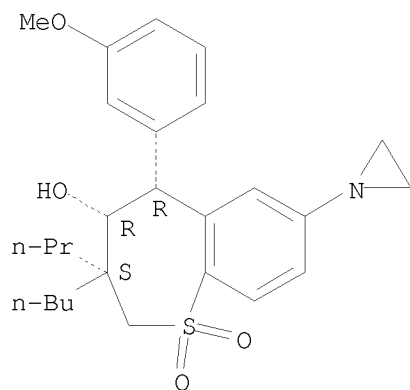
Absolute stereochemistry.



RN 1064590-97-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

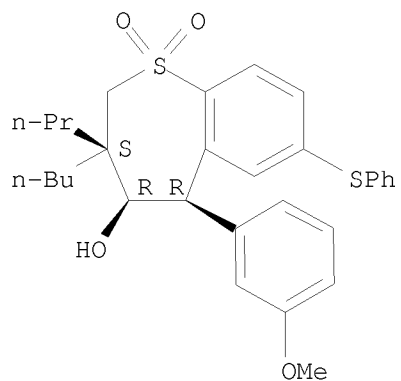


RN 1064590-98-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(phenylthio)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

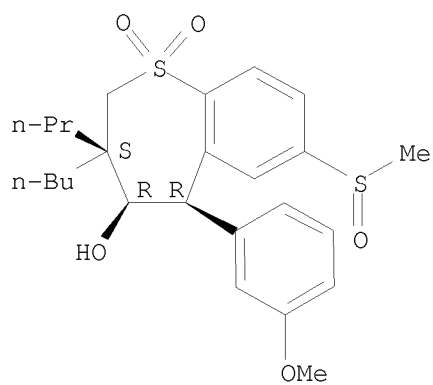
10/590,458



RN 1064590-99-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfinyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

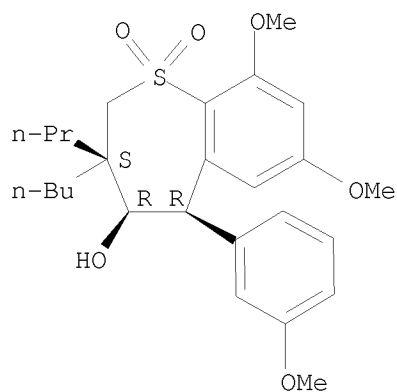


RN 1064591-00-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-7,9-dimethoxy-5-(3-methoxyphenyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

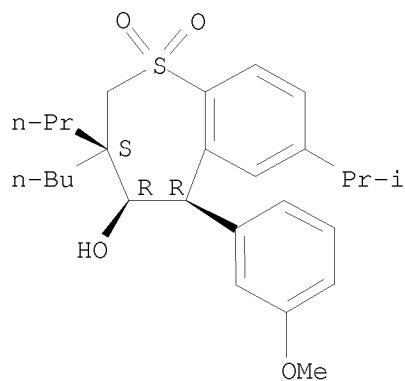
10/590,458



RN 1064591-01-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

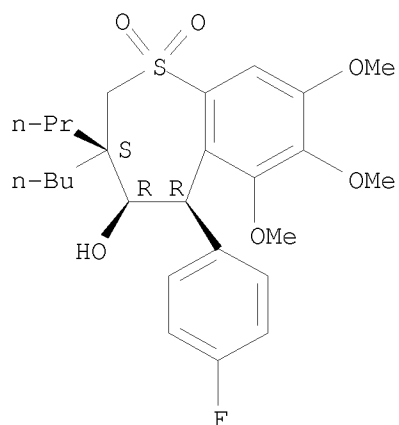


RN 1064591-02-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-6,7,8-trimethoxy-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

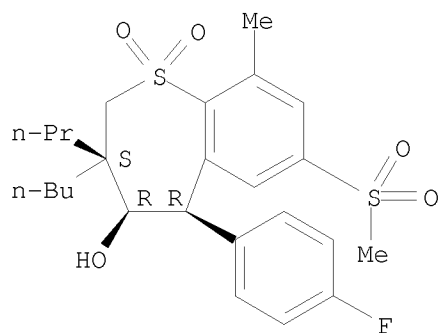
Absolute stereochemistry.

10/590,458



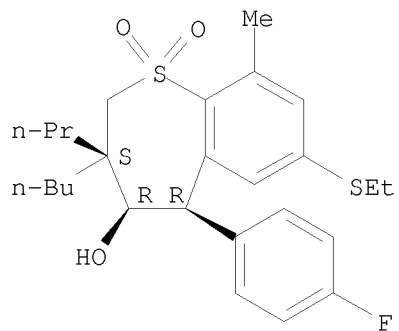
RN 1064591-03-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064591-04-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

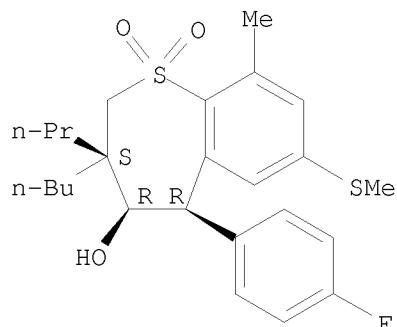


RN 1064591-05-4 CAPLUS

10/590,458

CN INDEX NAME NOT YET ASSIGNED

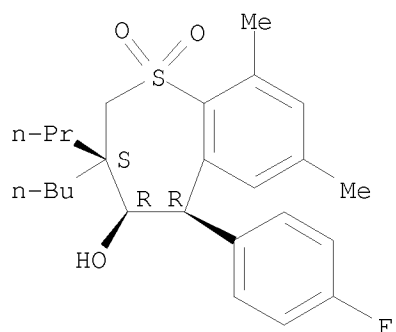
Absolute stereochemistry.



RN 1064591-06-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethyl-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

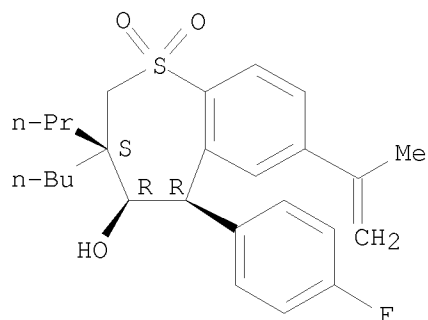
Absolute stereochemistry.



RN 1064591-07-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethenyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

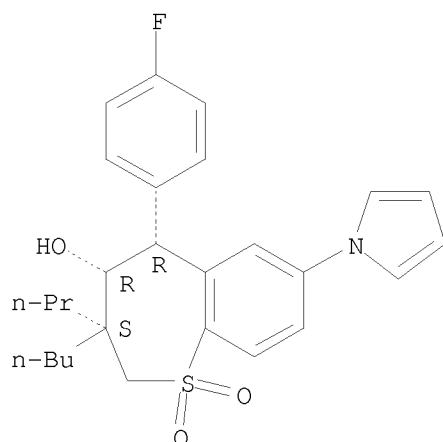


10/590,458

RN 1064591-08-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-3-propyl-7-(1H-pyrrol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

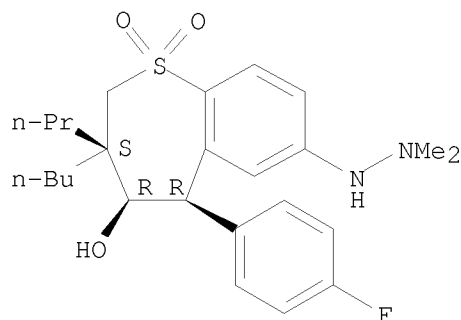
Absolute stereochemistry.



RN 1064591-09-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(2,2-dimethylhydrazinyl)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

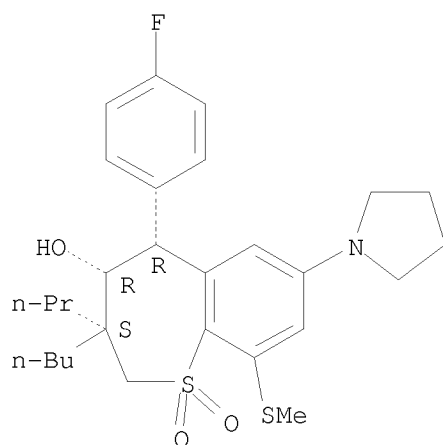


RN 1064591-10-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

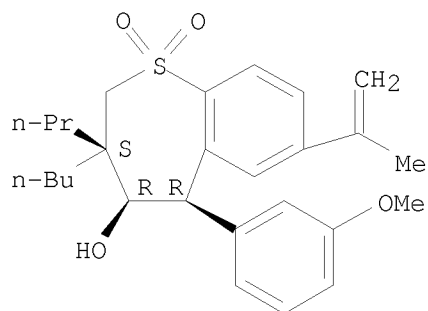
10/590,458



RN 1064591-11-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethenyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

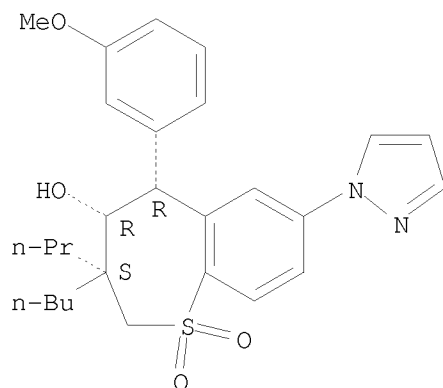


RN 1064591-12-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-3-propyl-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

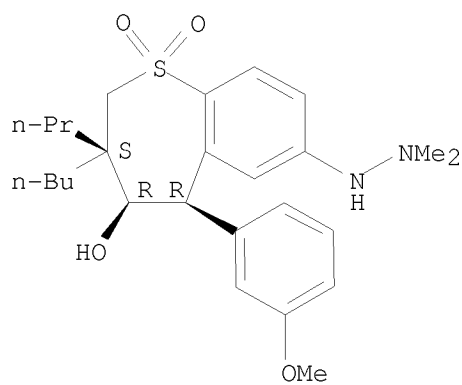
Absolute stereochemistry.

10/590,458



RN 1064591-13-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

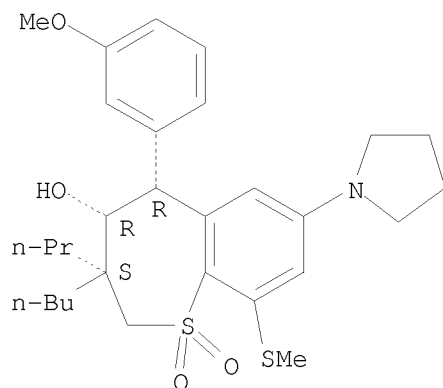
Absolute stereochemistry.



RN 1064591-14-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-3-propyl-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

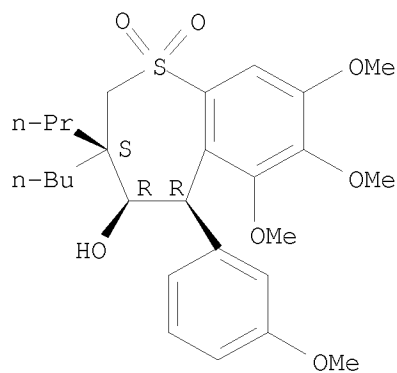
10/590,458



RN 1064591-15-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-(3-methoxyphenyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

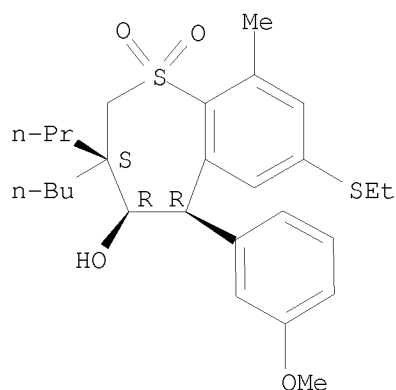


RN 1064591-16-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

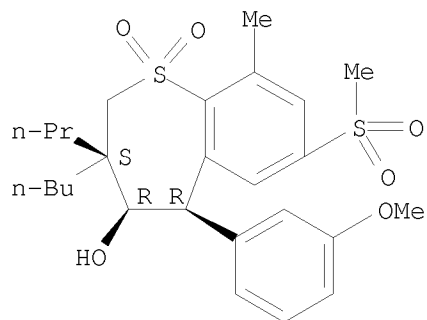
10/590,458



RN 1064591-17-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfonyl)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

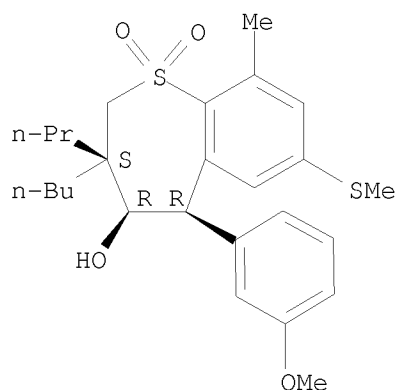


RN 1064591-18-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylthio)-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

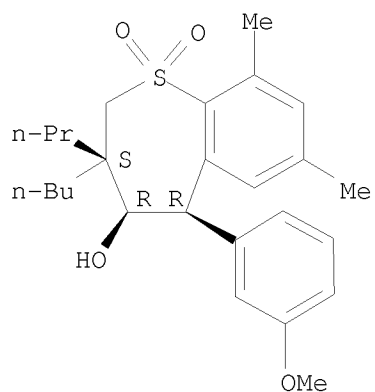
10/590,458



RN 1064591-19-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-dimethyl-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

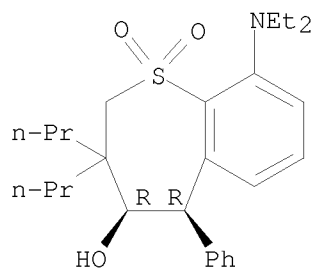
Absolute stereochemistry.



RN 1064591-33-8 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(diethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

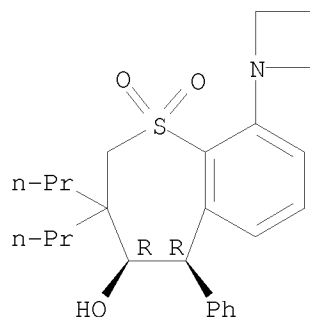


RN 1064591-34-9 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 9-(1-azetidiny)-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

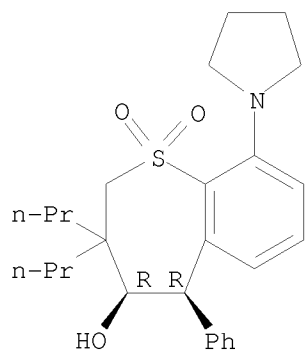
Absolute stereochemistry.



RN 1064591-35-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

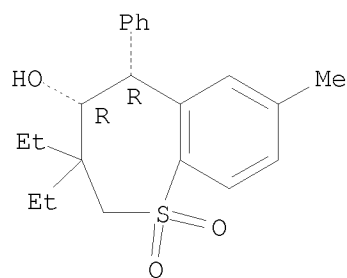
Absolute stereochemistry.



RN 1064591-54-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

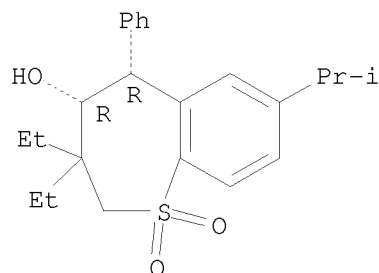


RN 1064591-55-4 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

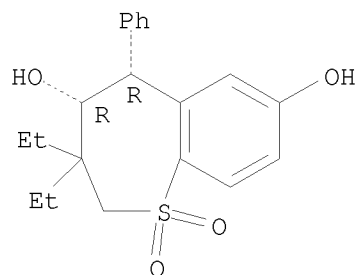
Absolute stereochemistry.



RN 1064591-56-5 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

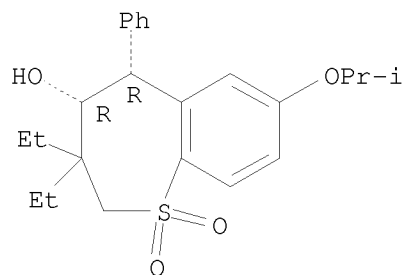
Absolute stereochemistry.



RN 1064591-57-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

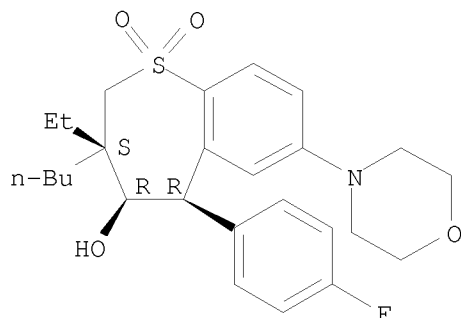


RN 1064591-59-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

10/590,458

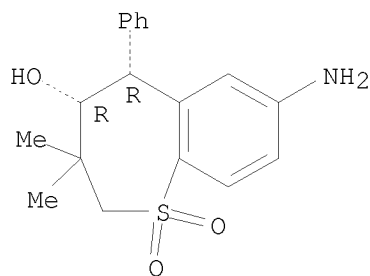
Absolute stereochemistry.



RN 1064591-60-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

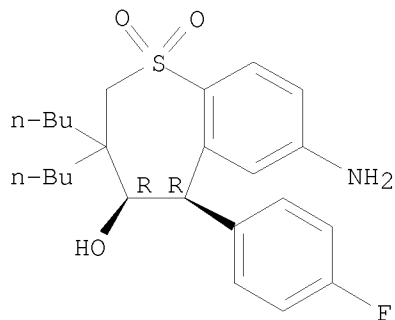
Absolute stereochemistry.



RN 1064591-62-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

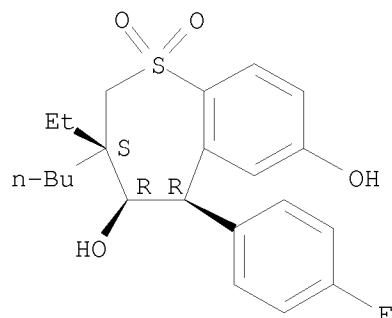


RN 1064591-63-4 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

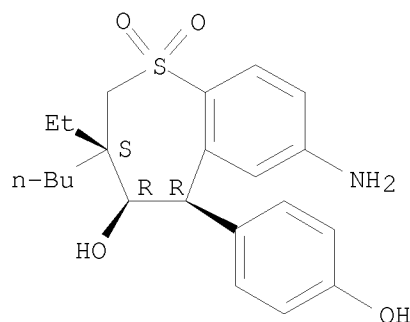
10/590,458



RN 1064591-64-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

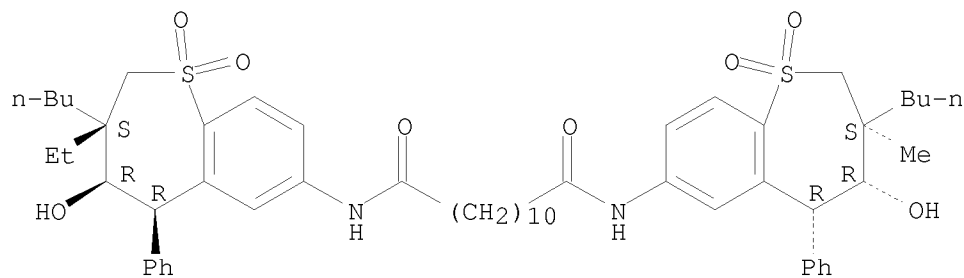
Absolute stereochemistry.



RN 1064591-65-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

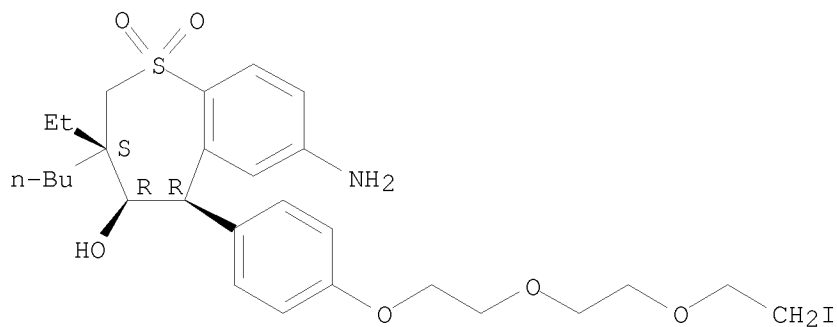


RN 1064591-67-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

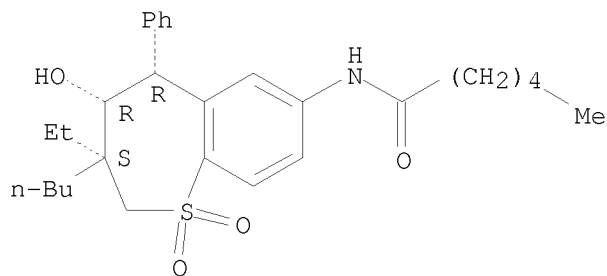
10/590,458



RN 1064591-68-9 CAPLUS

CN Hexanamide, N-[(3S,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

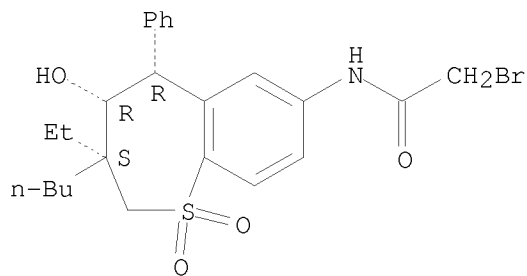
Absolute stereochemistry.



RN 1064591-69-0 CAPLUS

CN Acetamide, 2-bromo-N-[(3S,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

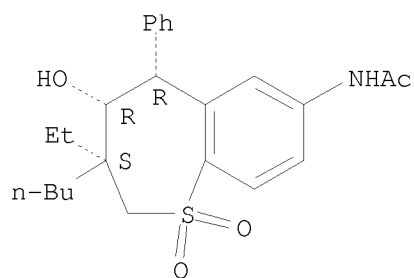


RN 1064591-71-4 CAPLUS

CN Acetamide, N-[(3S,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

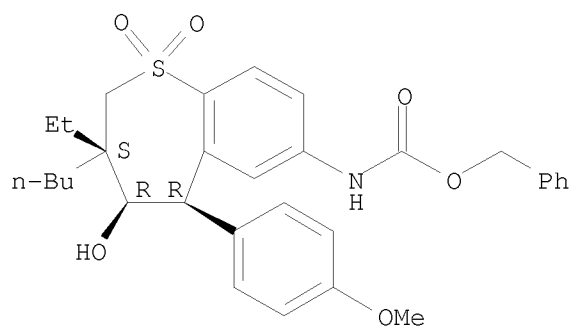
Absolute stereochemistry.

10/590,458



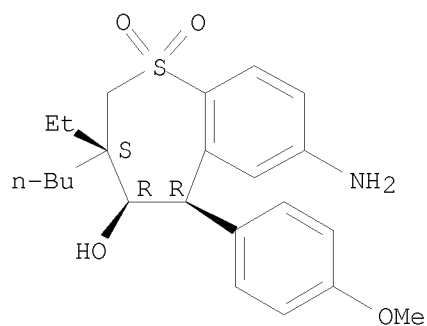
RN 1064591-72-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064591-73-6 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

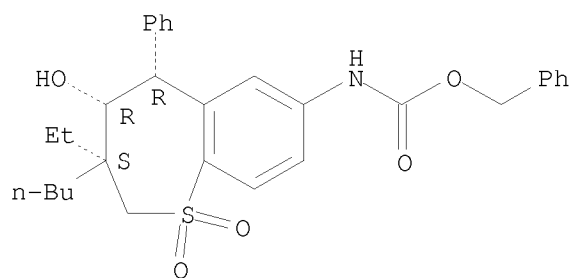
Absolute stereochemistry.



RN 1064591-74-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

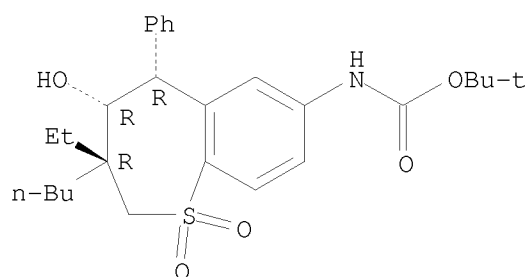
Absolute stereochemistry.

10/590,458



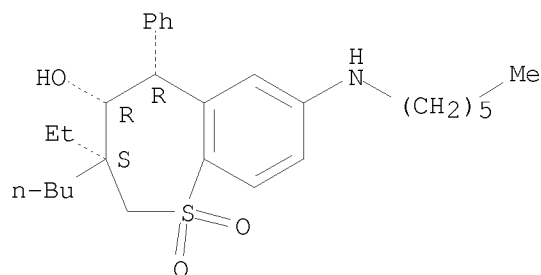
RN 1064591-75-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064591-76-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

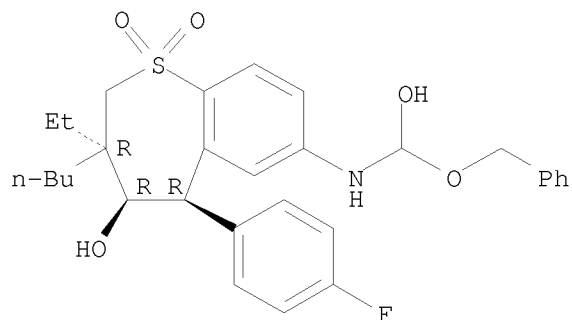
Absolute stereochemistry.



RN 1064591-77-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-[[hydroxy(phenylmethoxy)methyl]amino]-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

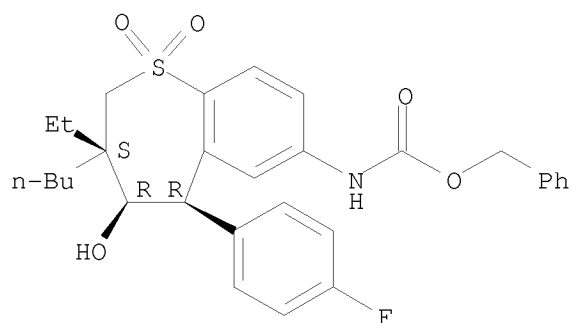
Absolute stereochemistry.

10/590,458



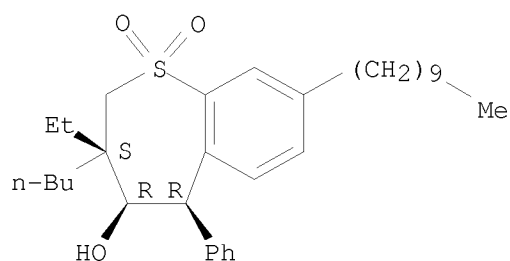
RN 1064591-78-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064591-79-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-8-decyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

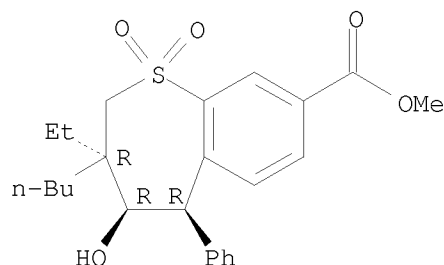
Absolute stereochemistry.



RN 1064591-81-6 CAPLUS
CN 1-Benzothiepin-8-carboxylic acid, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-
hydroxy-5-phenyl-, methyl ester, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

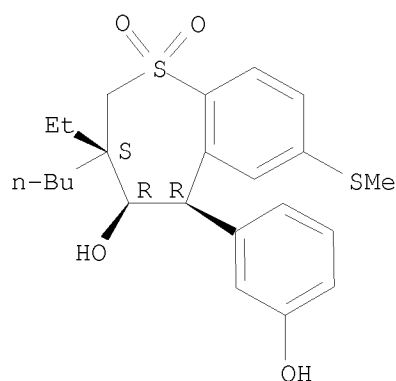
10/590,458



RN 1064591-82-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

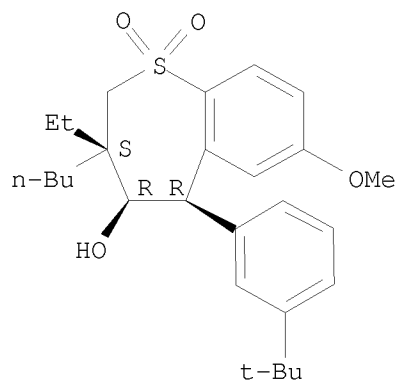
Absolute stereochemistry.



RN 1064591-83-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-5-[3-(1,1-dimethylethyl)phenyl]-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

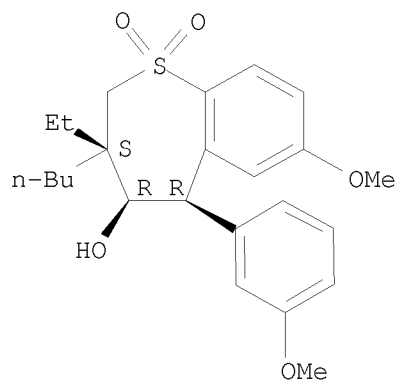


RN 1064591-84-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

10/590,458

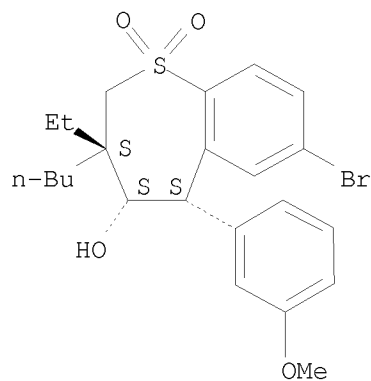
Absolute stereochemistry.



RN 1064591-85-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

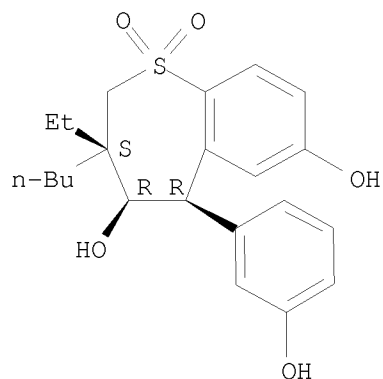


RN 1064591-86-1 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

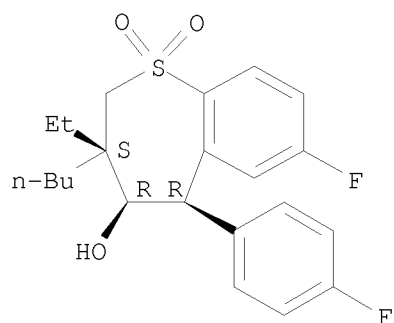
10/590,458



RN 1064591-87-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

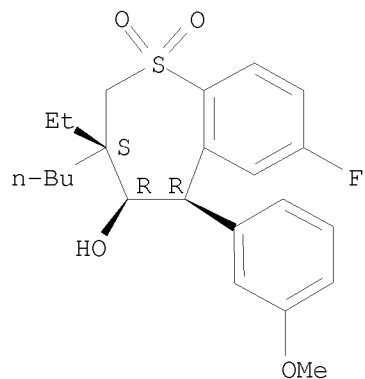
Absolute stereochemistry.



RN 1064591-88-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

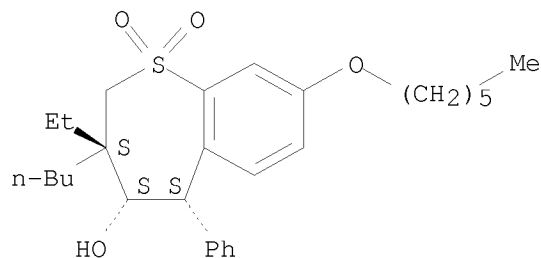


RN 1064591-91-8 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-8-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

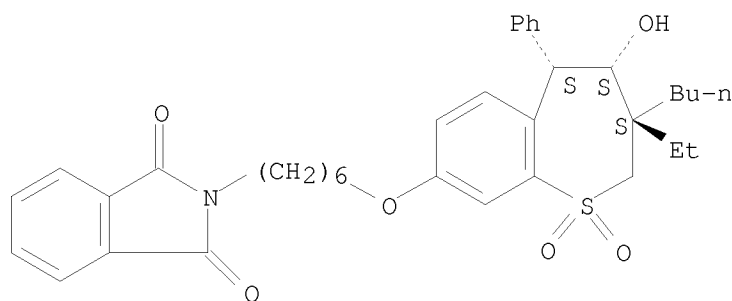
Absolute stereochemistry.



RN 1064591-92-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

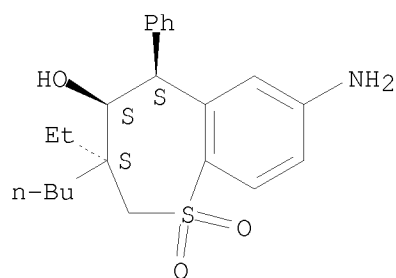
Absolute stereochemistry.



RN 1064591-94-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

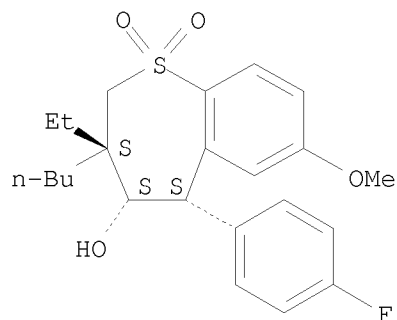


RN 1064591-95-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

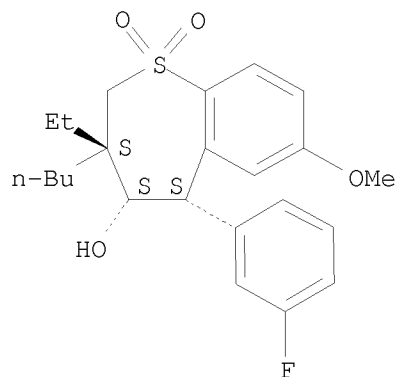
10/590,458



RN 1064591-96-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

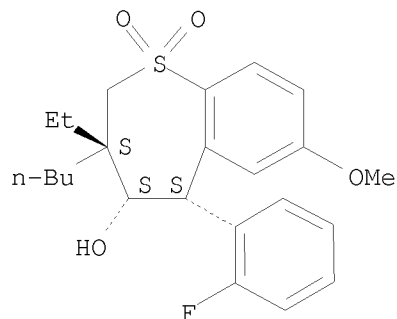
Absolute stereochemistry.



RN 1064591-97-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

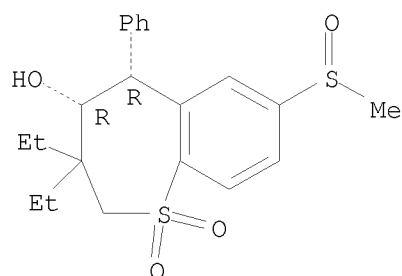


RN 1064591-98-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

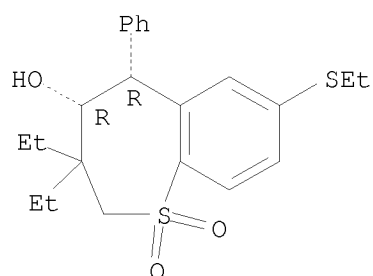
Absolute stereochemistry.



RN 1064591-99-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

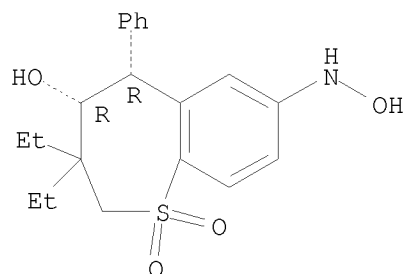
Absolute stereochemistry.



RN 1064592-00-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-diethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

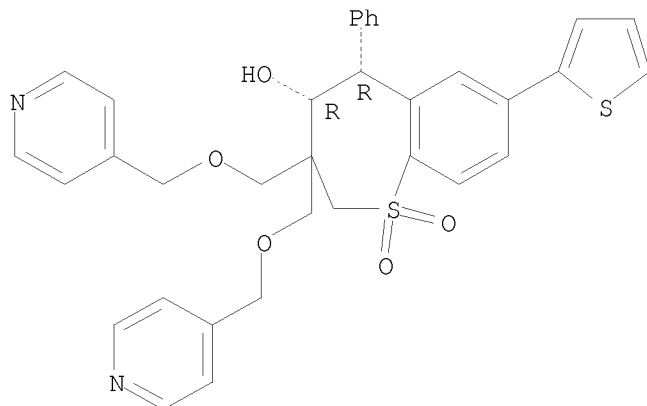


RN 1064592-01-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-7-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

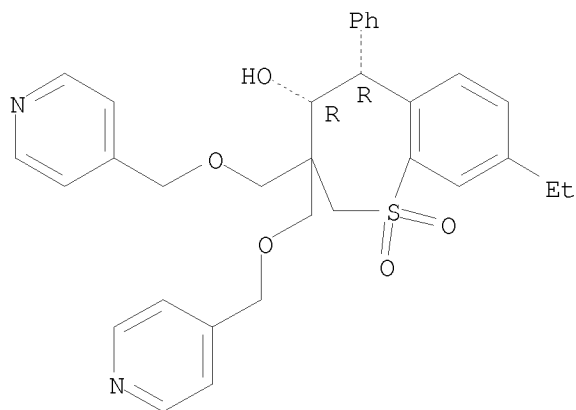
10/590,458



RN 1064592-02-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-ethyl-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

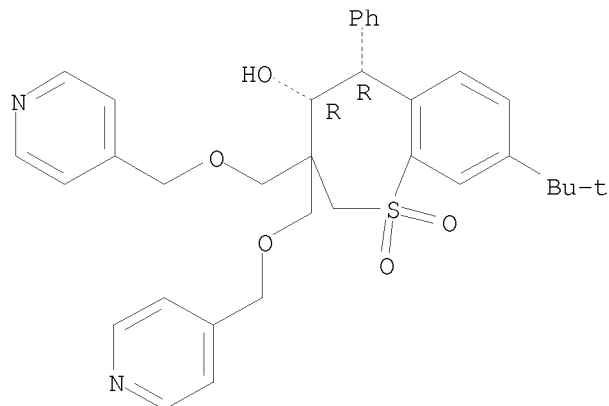


RN 1064592-03-5 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

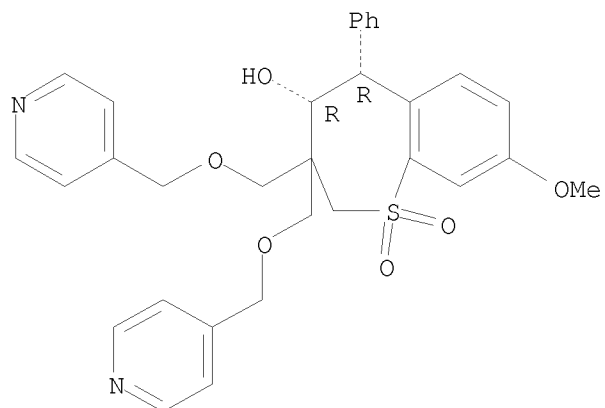
10/590,458



RN 1064592-04-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

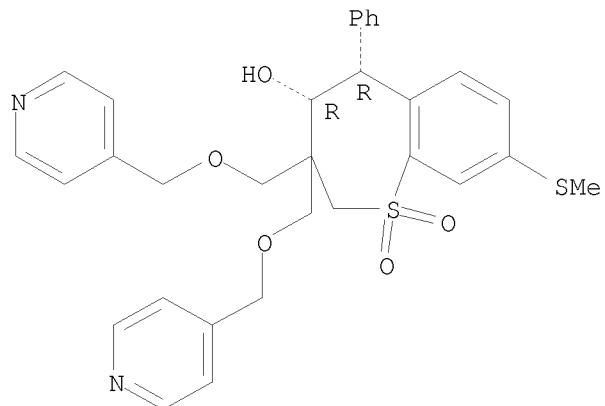


RN 1064592-05-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylthio)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

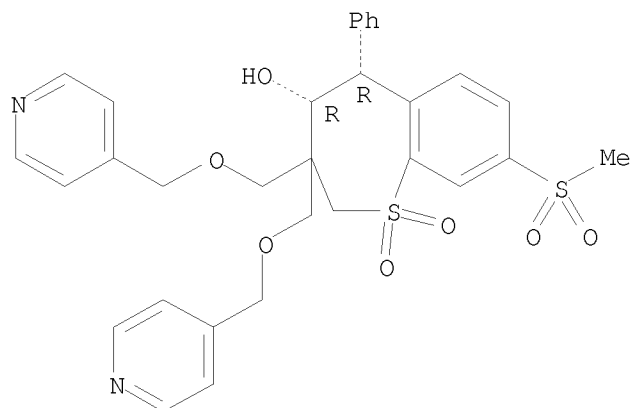
10/590,458



RN 1064592-06-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylsulfonyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

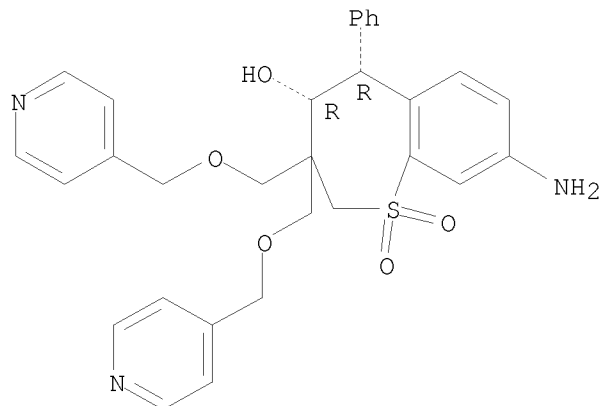


RN 1064592-07-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

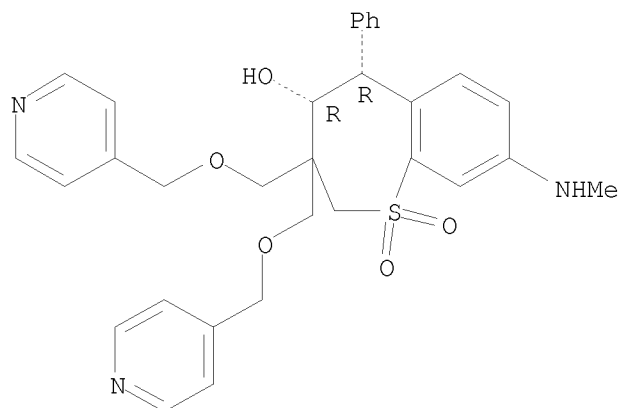
10/590,458



RN 1064592-08-0 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylamino)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

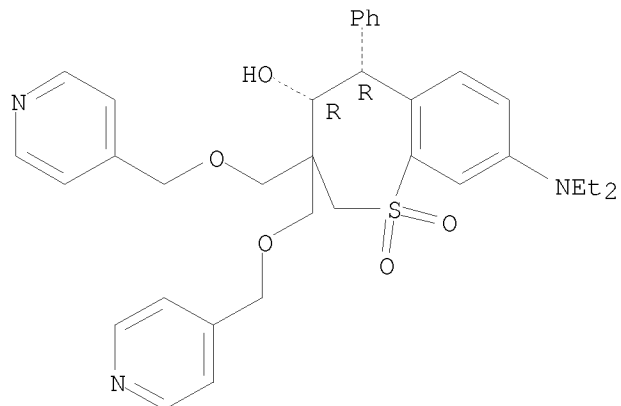


RN 1064592-09-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

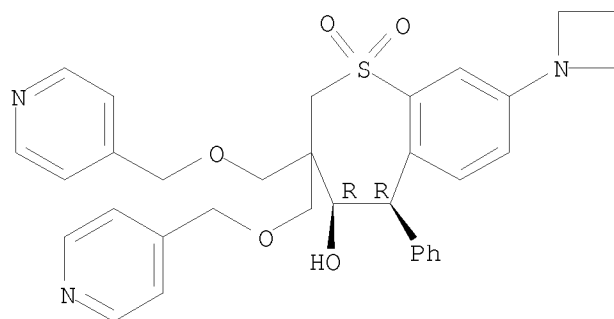
10/590,458



RN 1064592-10-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1-azetidiny)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

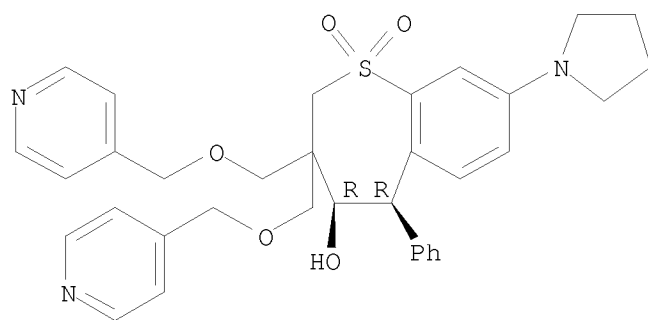
Absolute stereochemistry.



RN 1064592-11-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

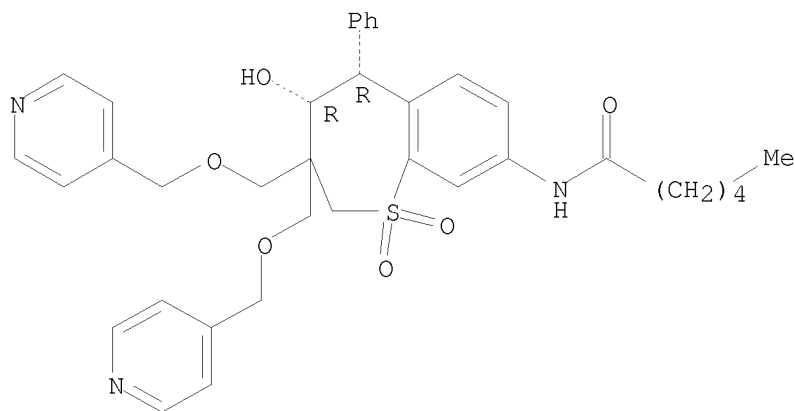


RN 1064592-12-6 CAPLUS

10/590,458

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]- (CA INDEX NAME)

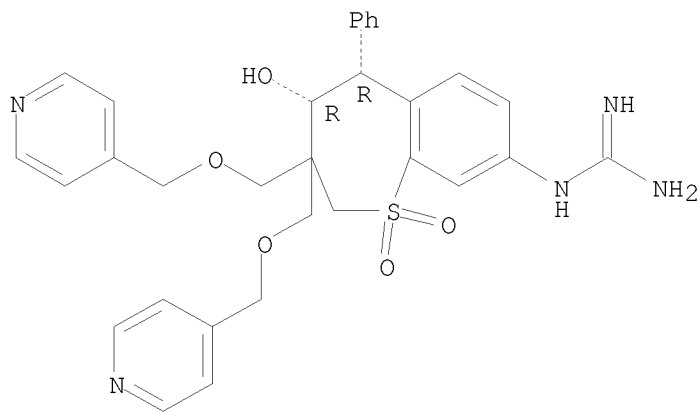
Absolute stereochemistry.



RN 1064592-13-7 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

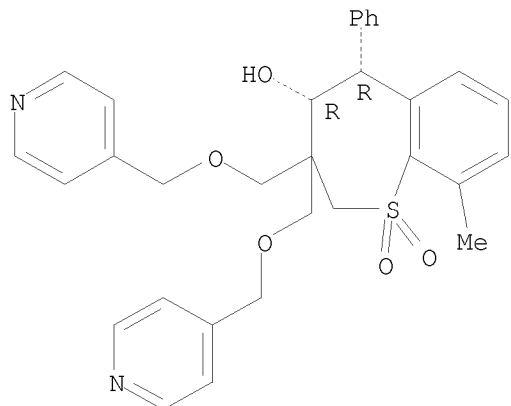


RN 1064592-14-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

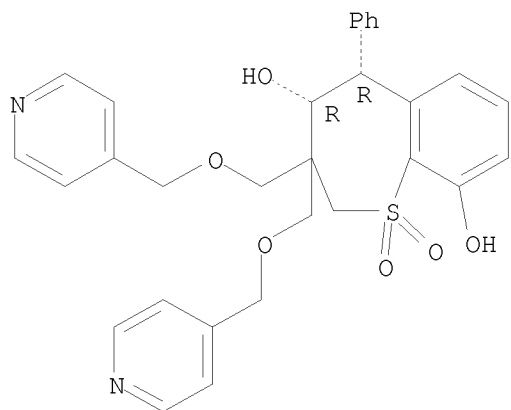
10/590,458



RN 1064592-15-9 CAPLUS

CN 1-Benzothiepin-4,9-diol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

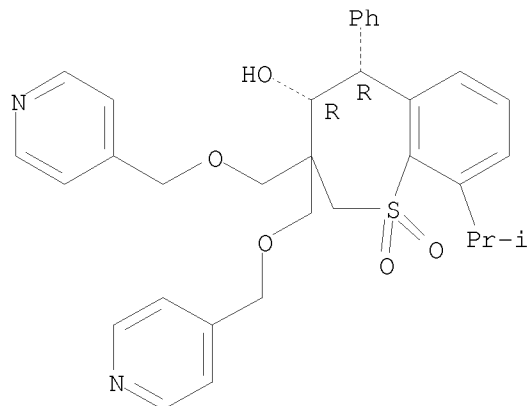


RN 1064592-16-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

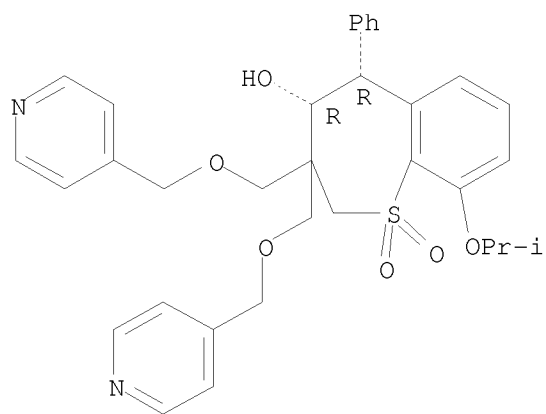
Absolute stereochemistry.

10/590,458



RN 1064592-17-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

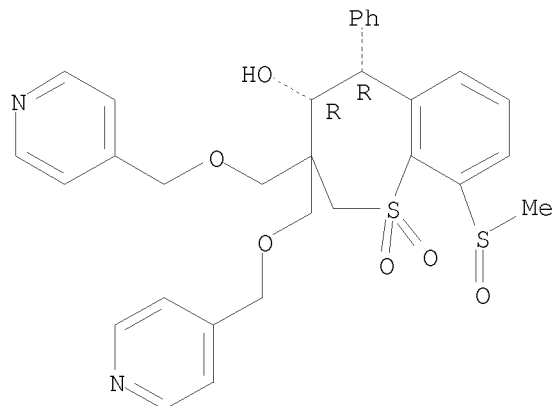
Absolute stereochemistry.



RN 1064592-19-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

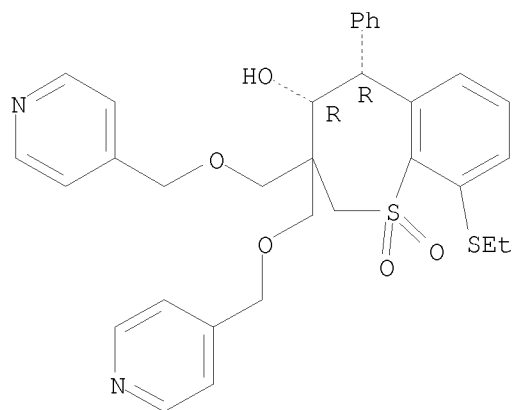
10/590,458



RN 1064592-20-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

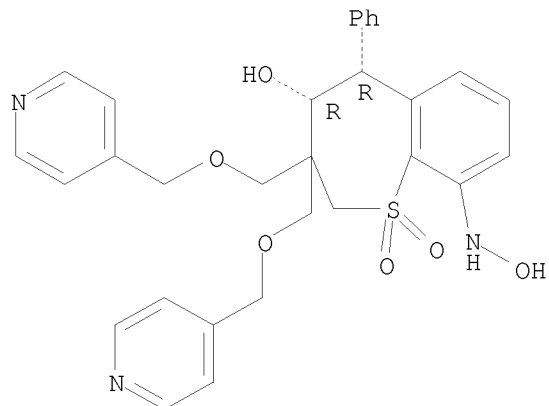


RN 1064592-21-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

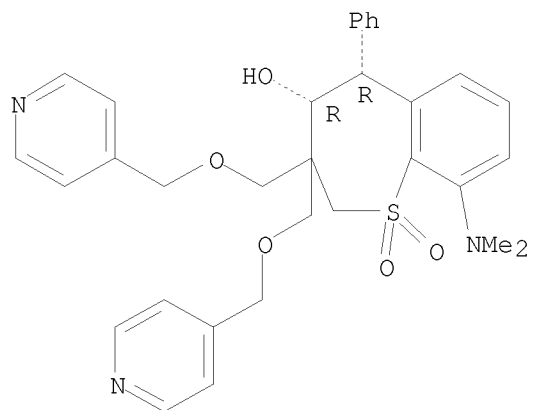
10/590,458



RN 1064592-22-8 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

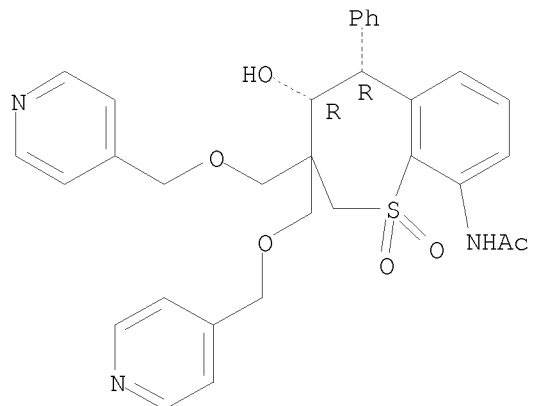


RN 1064592-23-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

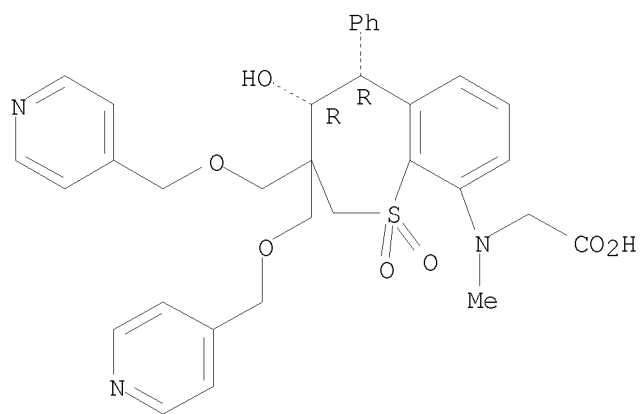
Absolute stereochemistry.

10/590,458



RN 1064592-24-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

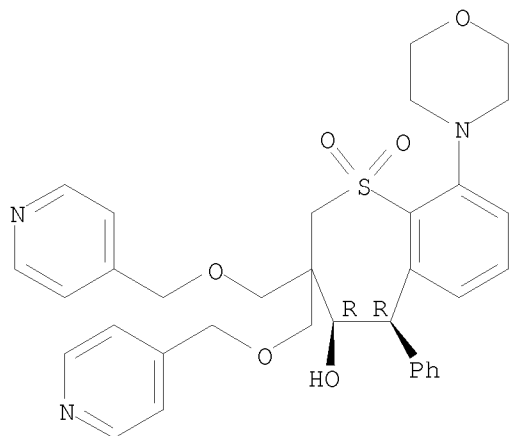
Absolute stereochemistry.



RN 1064592-25-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

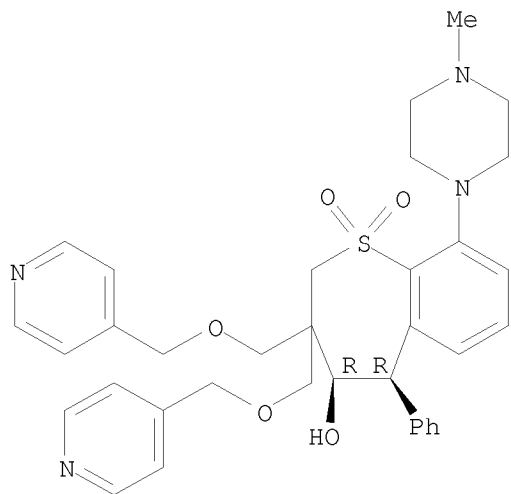
Absolute stereochemistry.

10/590,458



RN 1064592-26-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

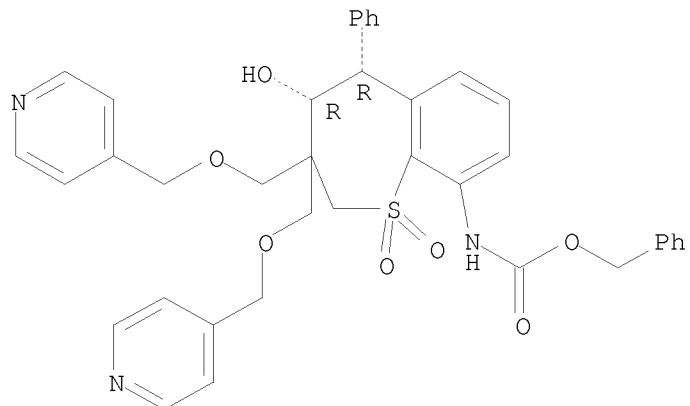
Absolute stereochemistry.



RN 1064592-27-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

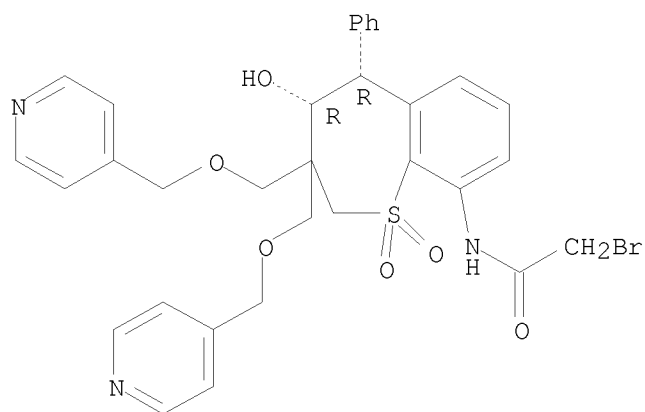
Absolute stereochemistry.

10/590,458



RN 1064592-28-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

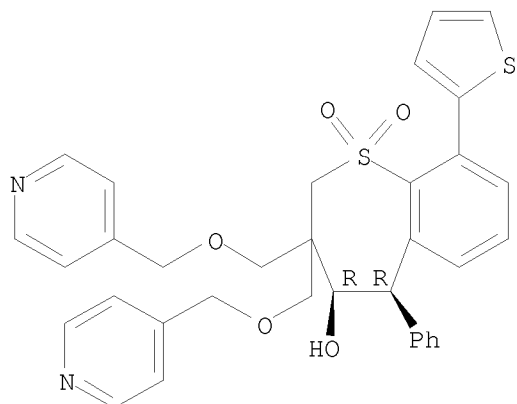
Absolute stereochemistry.



RN 1064592-29-5 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

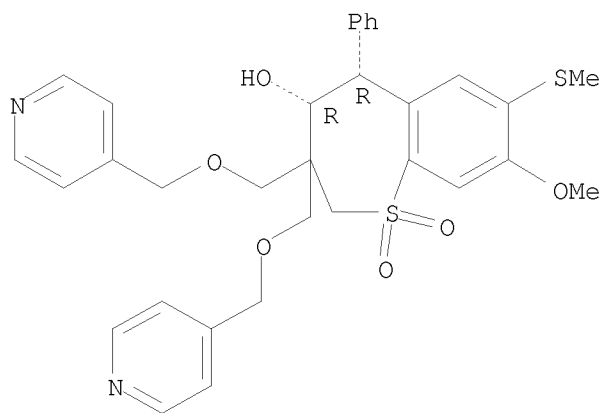
10/590,458



RN 1064592-30-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-7-(methylthio)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

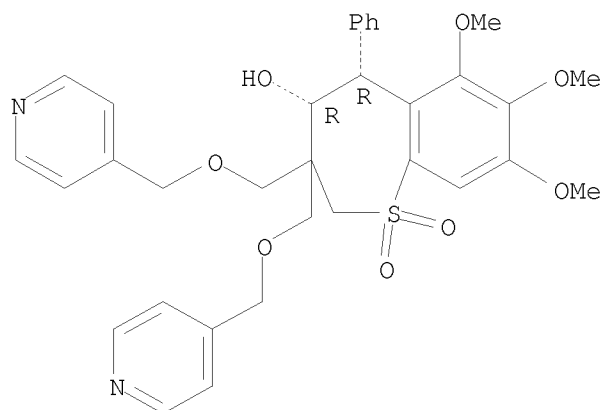


RN 1064592-31-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

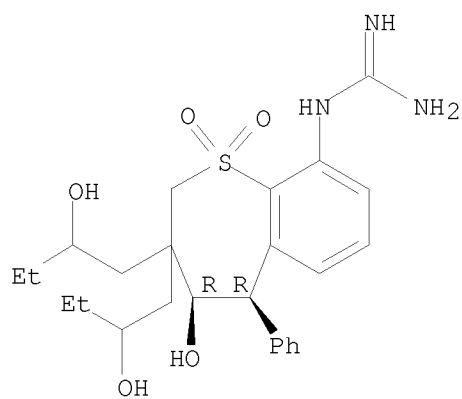
Absolute stereochemistry.

10/590,458



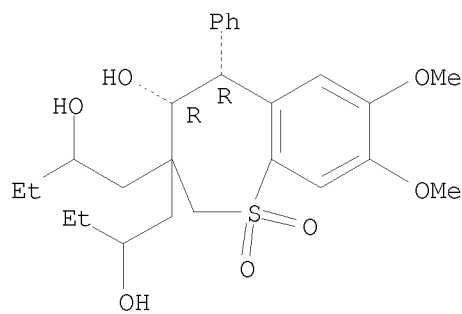
RN 1064592-32-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-33-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

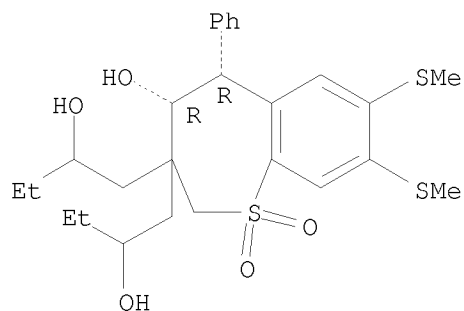


RN 1064592-34-2 CAPLUS

10/590,458

CN INDEX NAME NOT YET ASSIGNED

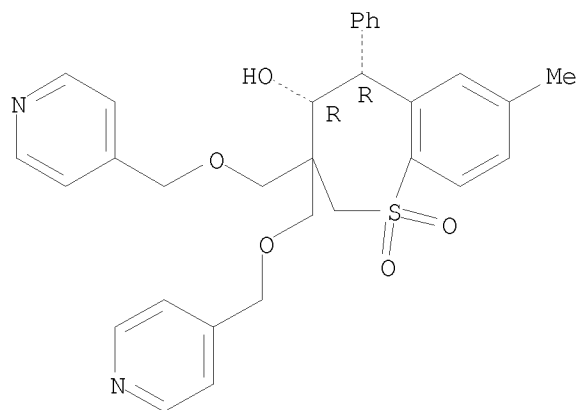
Absolute stereochemistry.



RN 1064592-35-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

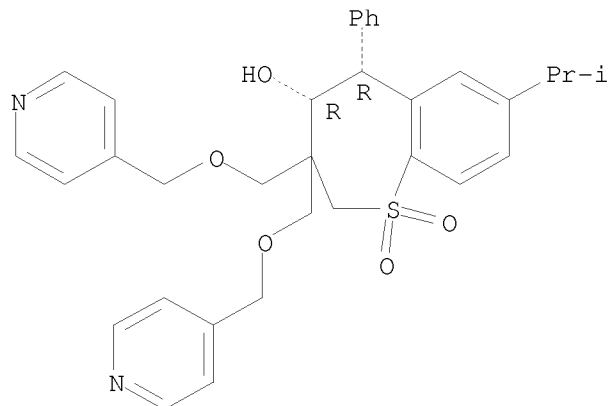


RN 1064592-36-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

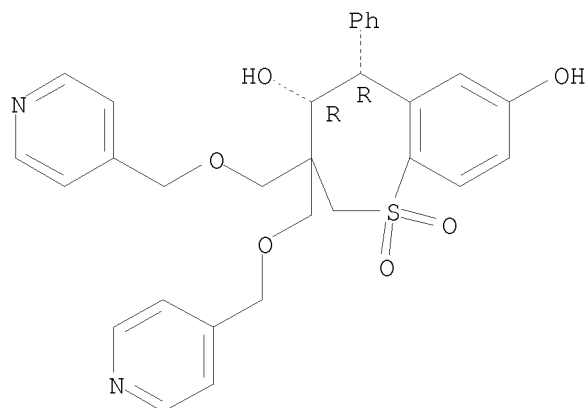
10/590,458



RN 1064592-37-5 CAPLUS

CN 1-Benzothiepin-4,7-diol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

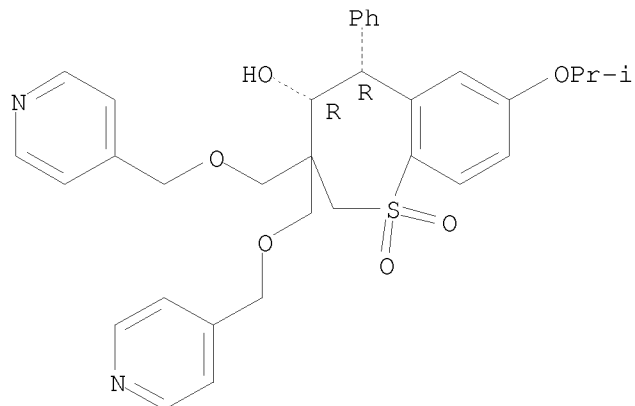


RN 1064592-38-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(1-methylethoxy)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

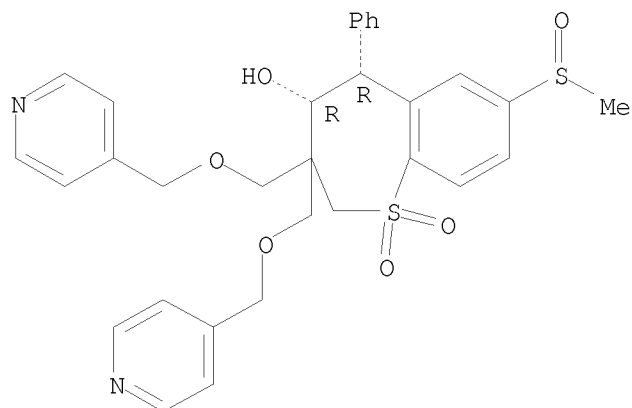
10/590,458



RN 1064592-39-7 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylsulfinyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

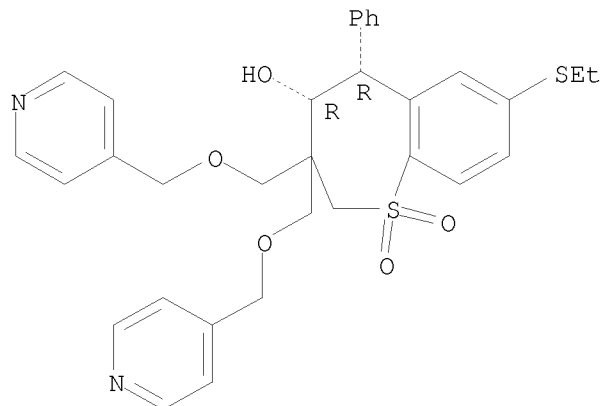


RN 1064592-41-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

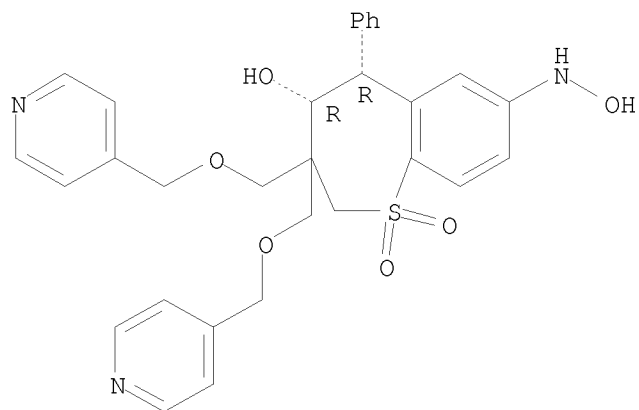
10/590,458



RN 1064592-42-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

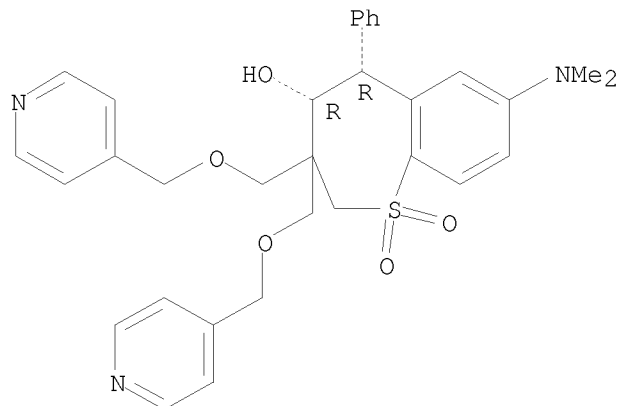


RN 1064592-43-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

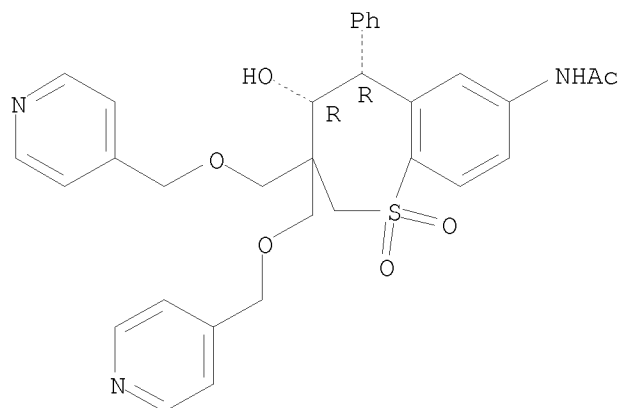
10/590,458



RN 1064592-44-4 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

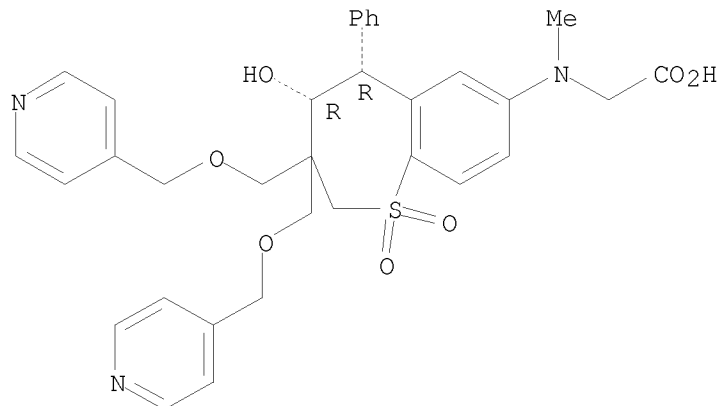


RN 1064592-45-5 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

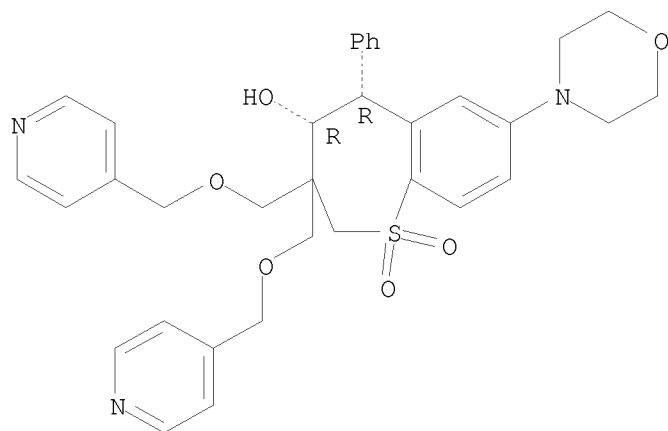
10/590,458



RN 1064592-46-6 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(4-morpholinyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

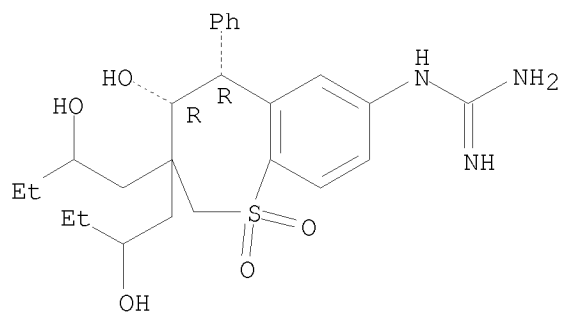
Absolute stereochemistry.



RN 1064592-50-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

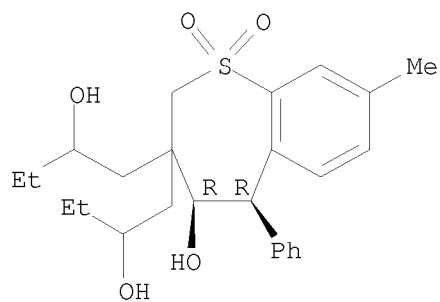
Absolute stereochemistry.



10/590,458

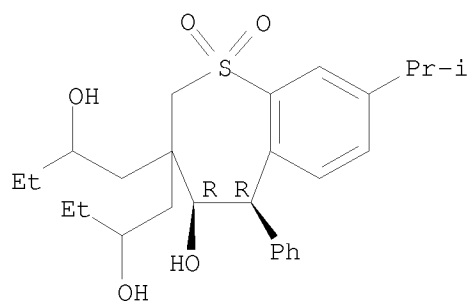
RN 1064592-51-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



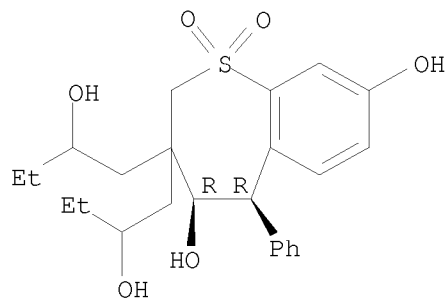
RN 1064592-52-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



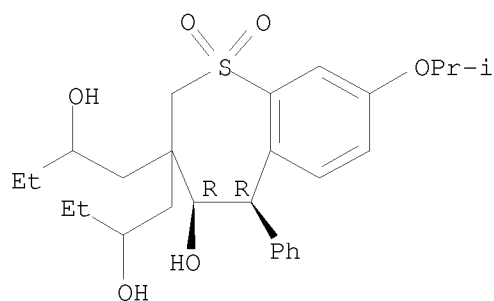
RN 1064592-53-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-54-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



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	1064592-64-8	1064592-65-9	1064592-66-0
	1064592-67-1	1064592-68-2	1064592-69-3
	1064592-70-6	1064592-71-7	1064592-72-8
	1064592-73-9	1064592-74-0	1064592-75-1
	1064592-76-2	1064592-77-3	1064592-78-4
	1064592-79-5	1064592-80-8	1064592-81-9
	1064592-82-0	1064592-83-1	1064592-84-2
	1064592-85-3	1064592-86-4	1064592-87-5
	1064592-88-6	1064592-89-7	1064592-90-0
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	1064592-94-4	1064592-95-5	1064592-96-6
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RL: PRPH (Prophetic)

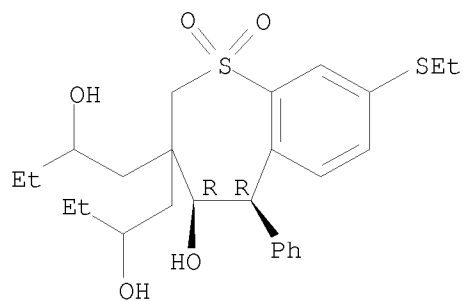
(Mono- and di-fluorinated benzothiepies as inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions and methods for preparation)

RN 1064592-55-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

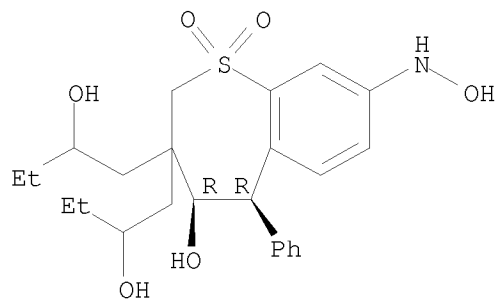
Absolute stereochemistry.

10/590,458



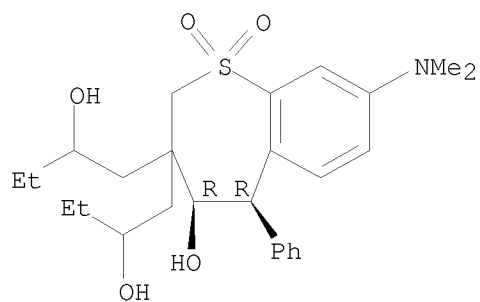
RN 1064592-56-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-57-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

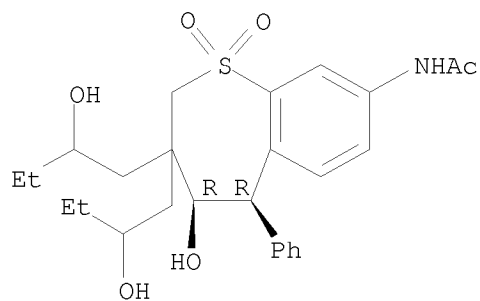
Absolute stereochemistry.



RN 1064592-58-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

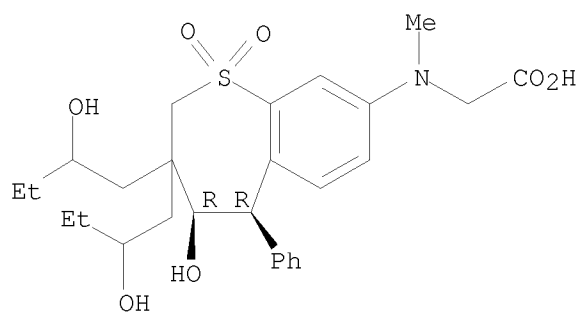
Absolute stereochemistry.

10/590,458



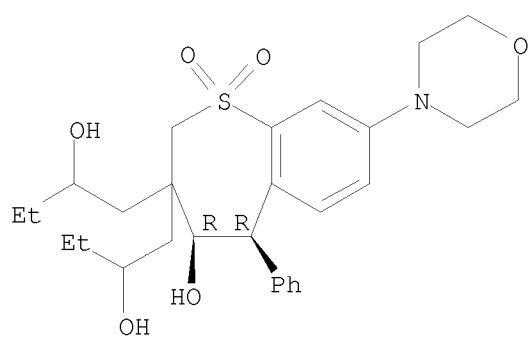
RN 1064592-59-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-60-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

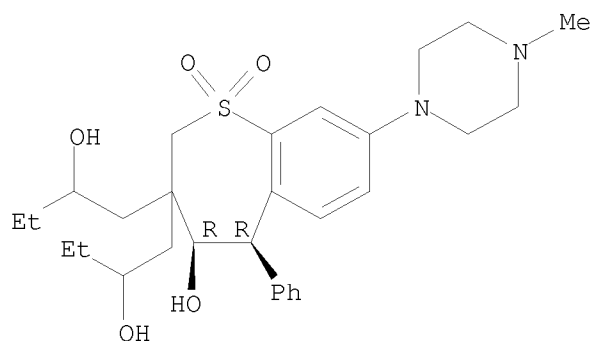
Absolute stereochemistry.



RN 1064592-61-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

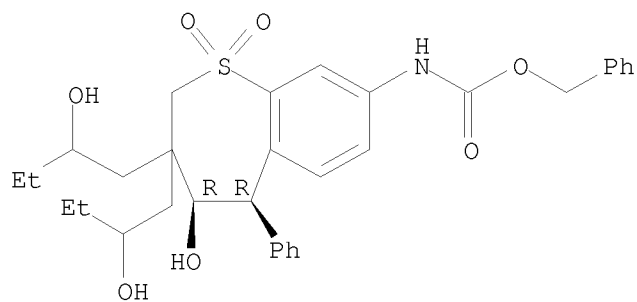
Absolute stereochemistry.

10/590,458



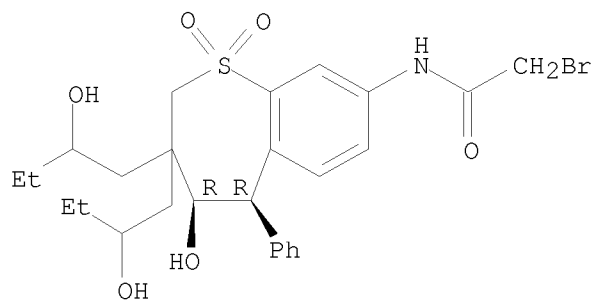
RN 1064592-62-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-63-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

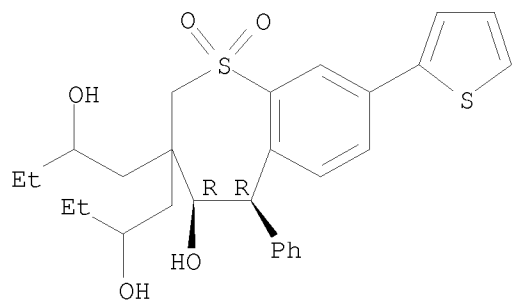
Absolute stereochemistry.



RN 1064592-64-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

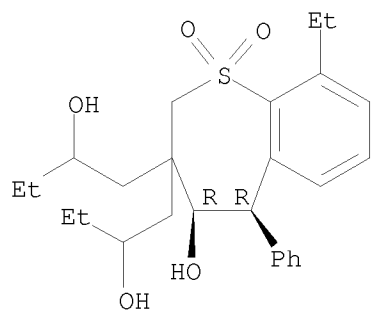
Absolute stereochemistry.

10/590,458



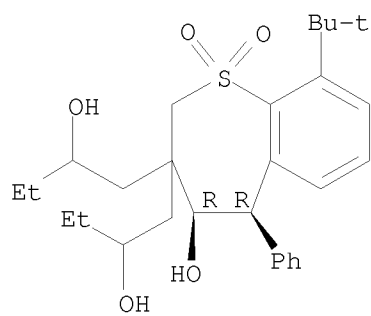
RN 1064592-65-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-66-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

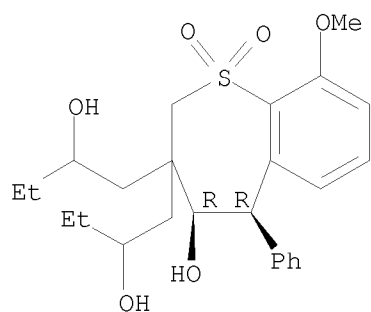
Absolute stereochemistry.



RN 1064592-67-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

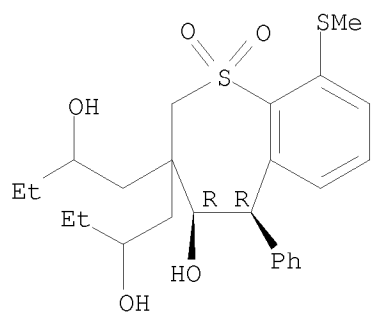
Absolute stereochemistry.

10/590,458



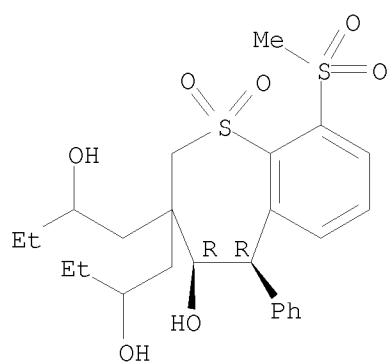
RN 1064592-68-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-69-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

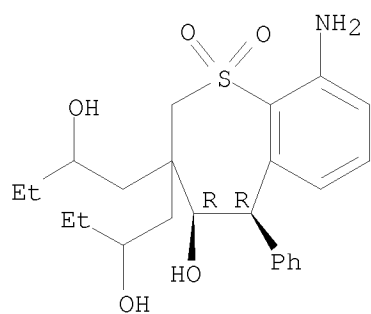
Absolute stereochemistry.



RN 1064592-70-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

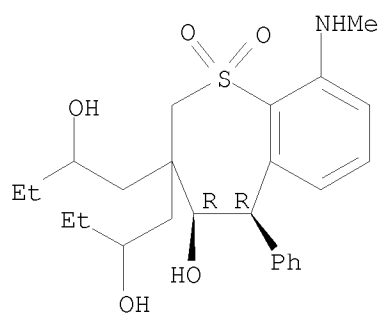
Absolute stereochemistry.

10/590,458



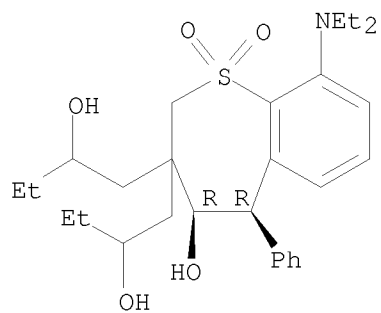
RN 1064592-71-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-72-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

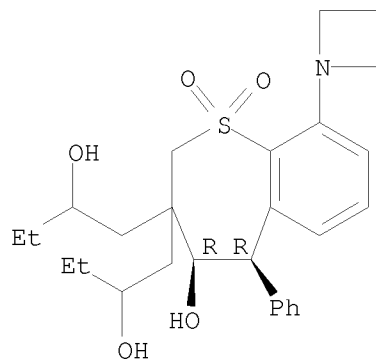
Absolute stereochemistry.



RN 1064592-73-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

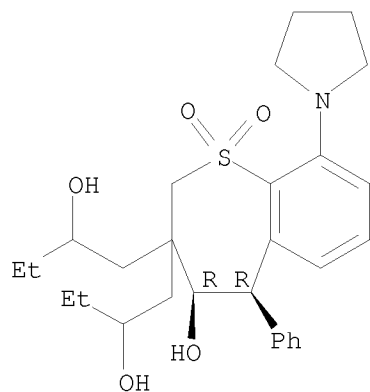
Absolute stereochemistry.

10/590,458



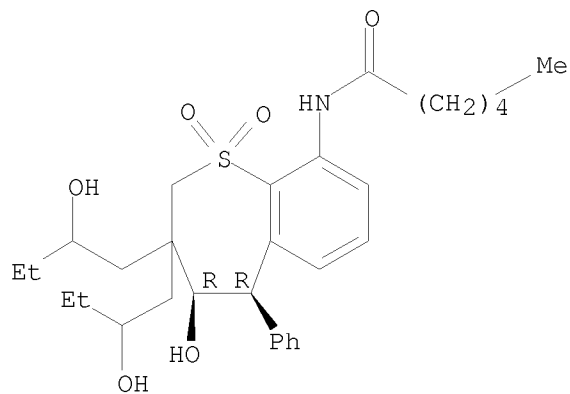
RN 1064592-74-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064592-75-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

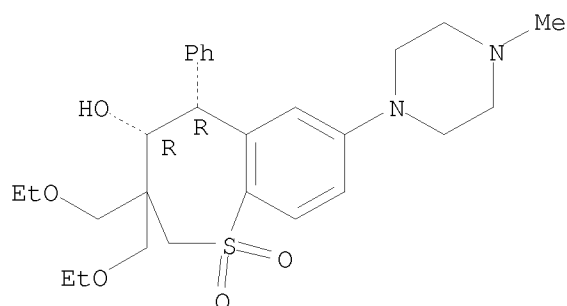


10/590,458

RN 1064592-76-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

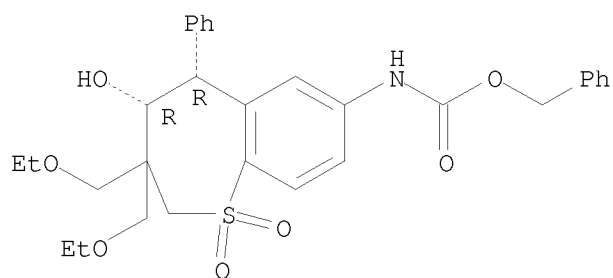
Absolute stereochemistry.



RN 1064592-77-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

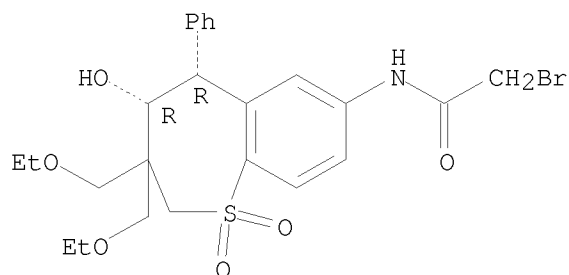
Absolute stereochemistry.



RN 1064592-78-4 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-2-bromo- (CA INDEX NAME)

Absolute stereochemistry.



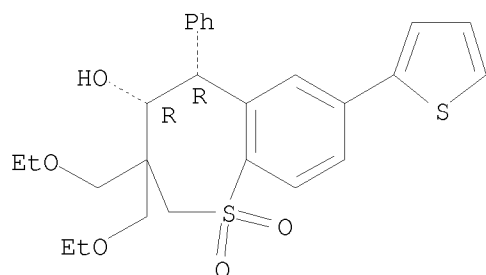
RN 1064592-79-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-7-

10/590,458

(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

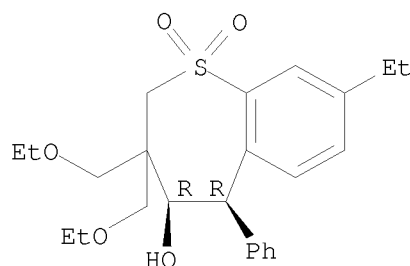
Absolute stereochemistry.



RN 1064592-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-8-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

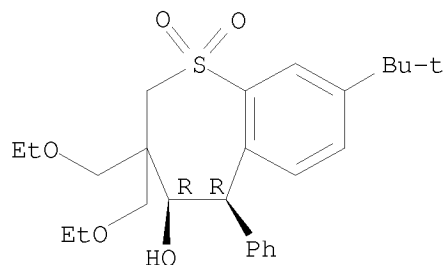
Absolute stereochemistry.



RN 1064592-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1,1-dimethylethyl)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

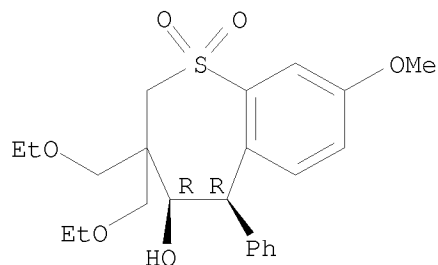


RN 1064592-82-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

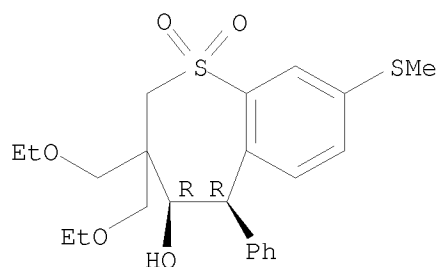
10/590,458



RN 1064592-83-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

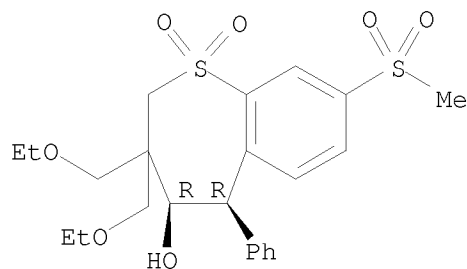
Absolute stereochemistry.



RN 1064592-84-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(methylsulfonyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

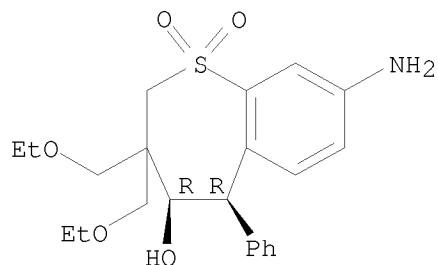


RN 1064592-85-3 CAPLUS

CN 1-Benzothiepin-4-ol, 8-amino-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

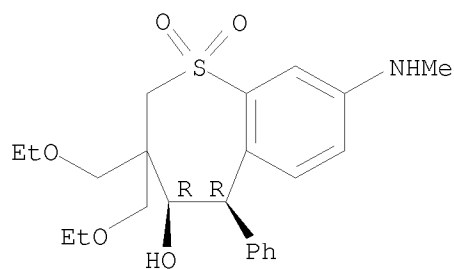
10/590,458



RN 1064592-86-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

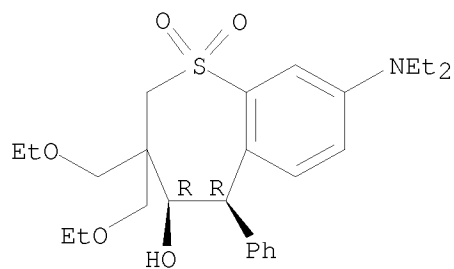
Absolute stereochemistry.



RN 1064592-87-5 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(diethylamino)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

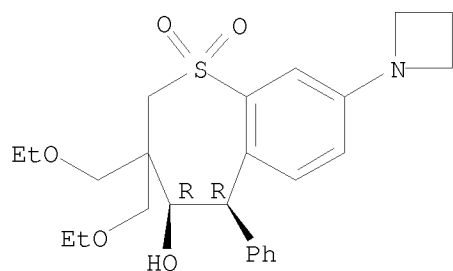


RN 1064592-88-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

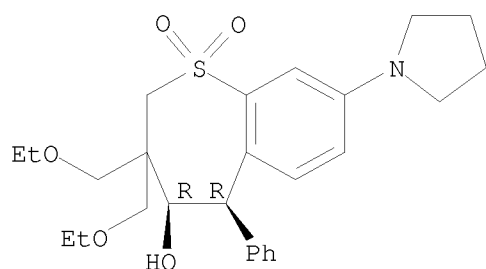
10/590,458



RN 1064592-89-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

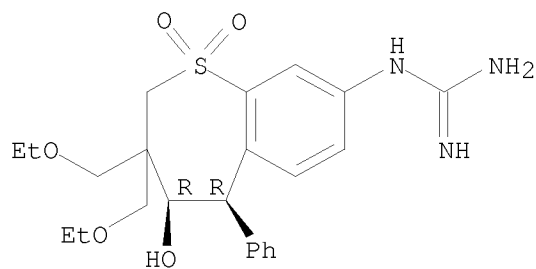
Absolute stereochemistry.



RN 1064592-90-0 CAPLUS

CN Guanidine, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

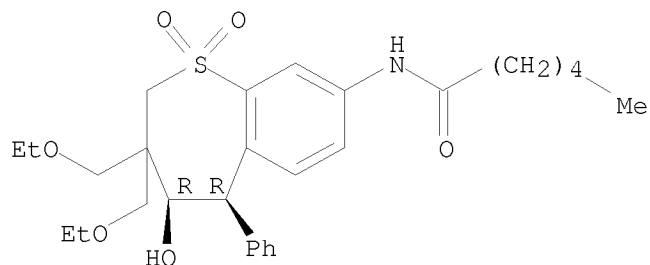


RN 1064592-91-1 CAPLUS

CN Hexanamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

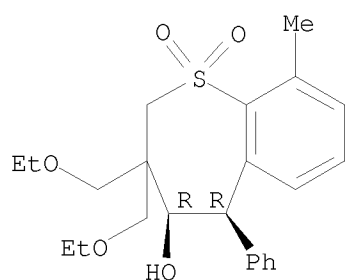
10/590,458



RN 1064592-92-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

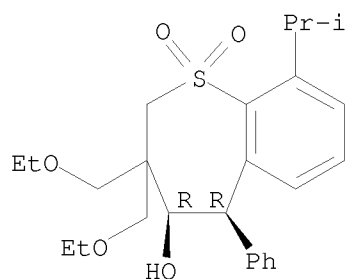
Absolute stereochemistry.



RN 1064592-93-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

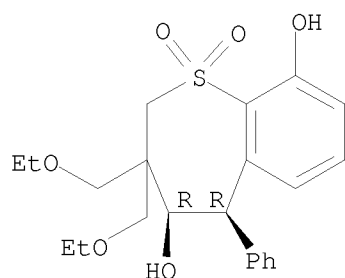


RN 1064592-94-4 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

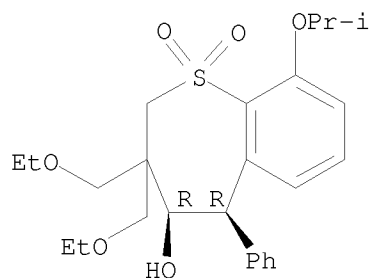
10/590,458



RN 1064592-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

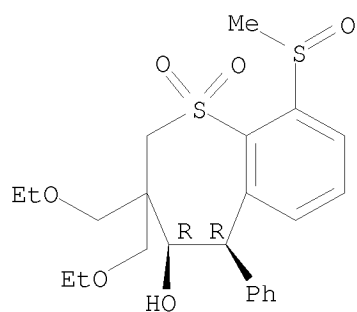
Absolute stereochemistry.



RN 1064592-96-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

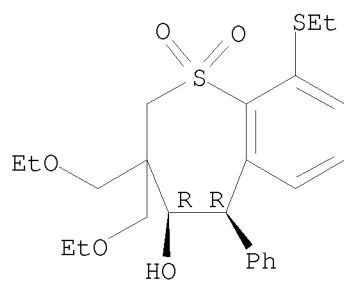


RN 1064592-97-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-9-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

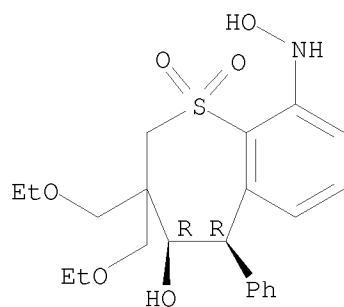
10/590,458



RN 1064592-98-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

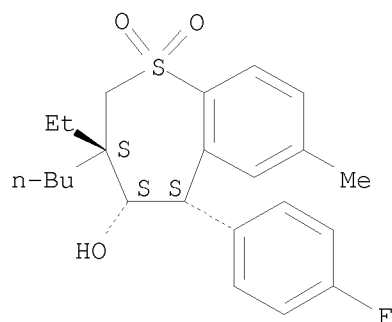
Absolute stereochemistry.



RN 1064592-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

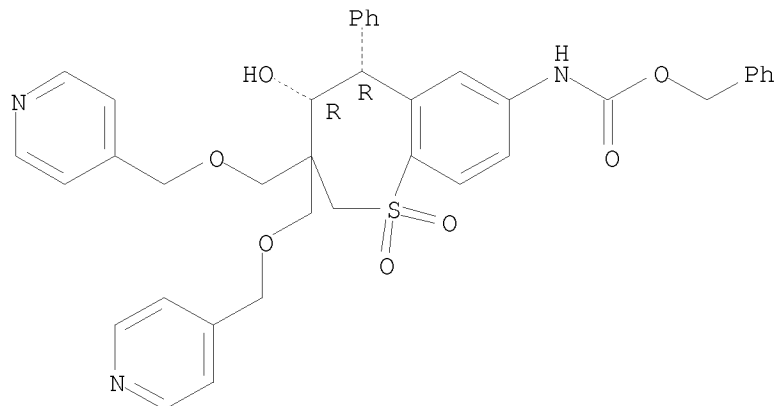


RN 1064593-00-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

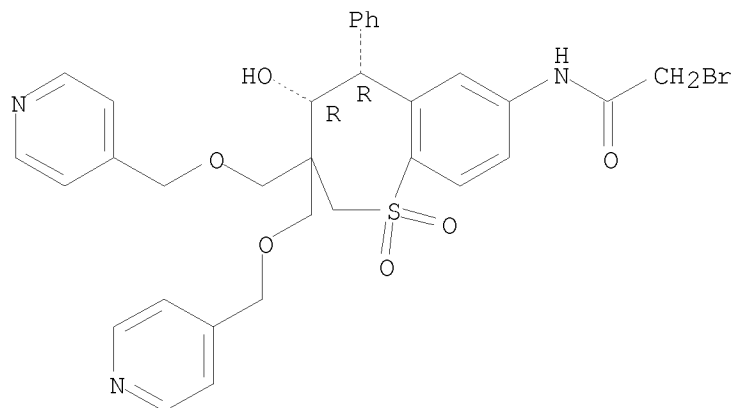
10/590,458



RN 1064593-01-6 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

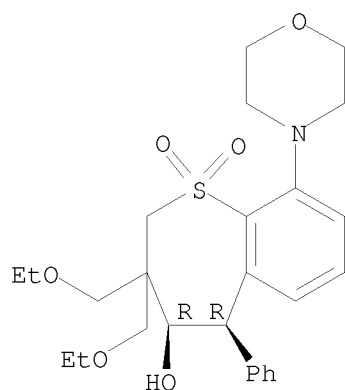


RN 1064593-02-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

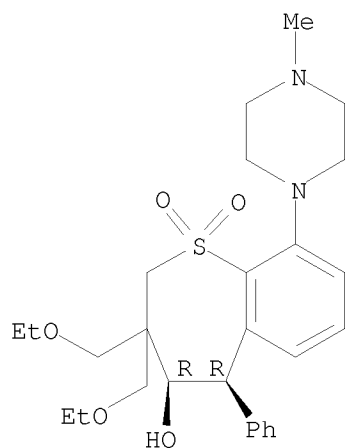
10/590,458



RN 1064593-03-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-9-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

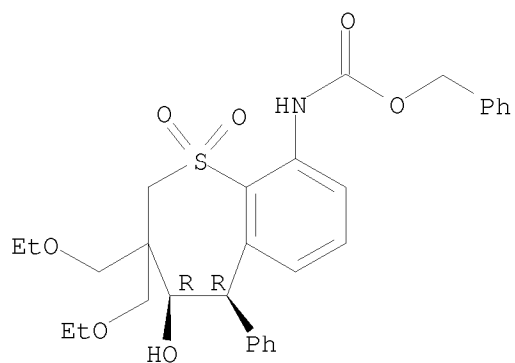


RN 1064593-04-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

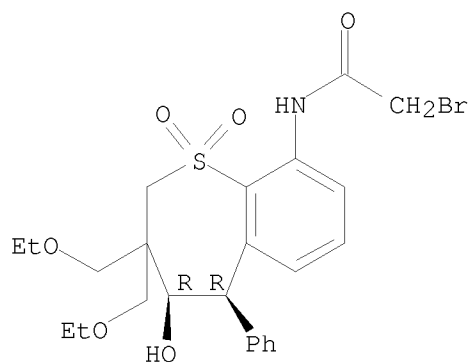
Absolute stereochemistry.

10/590,458



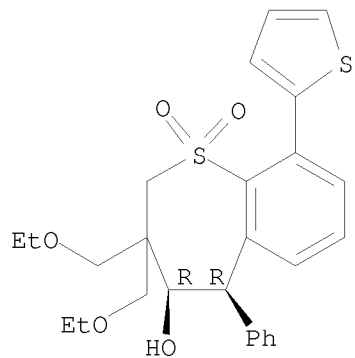
RN 1064593-05-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-06-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

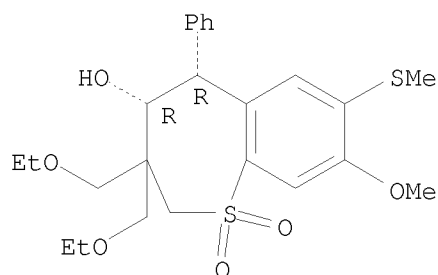


10/590,458

RN 1064593-07-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-8-methoxy-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

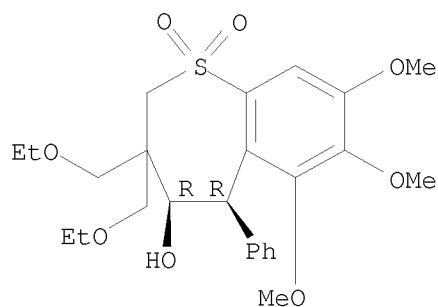
Absolute stereochemistry.



RN 1064593-08-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

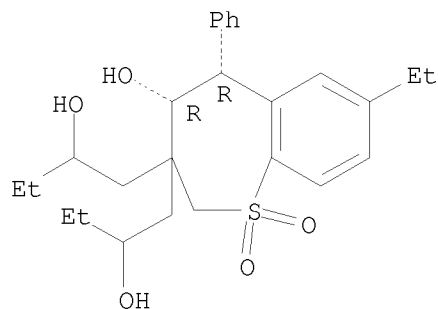
Absolute stereochemistry.



RN 1064593-09-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

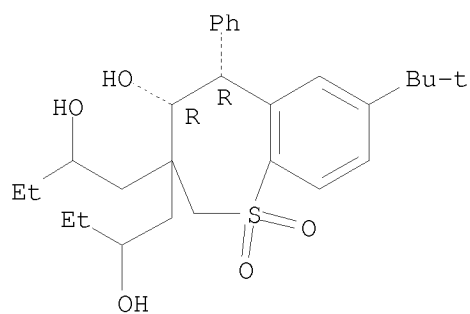


RN 1064593-10-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

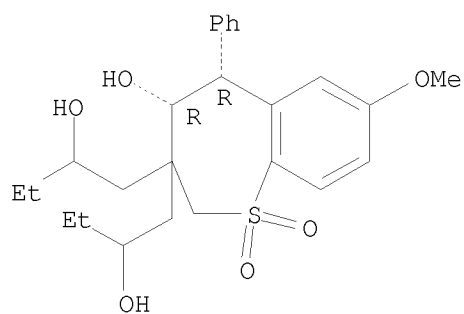
10/590,458

Absolute stereochemistry.



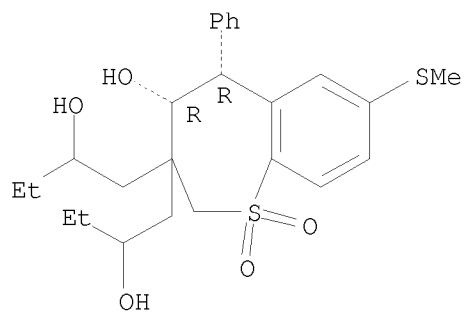
RN 1064593-11-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-12-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

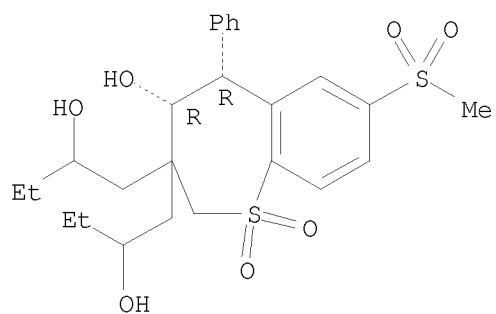
Absolute stereochemistry.



RN 1064593-13-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

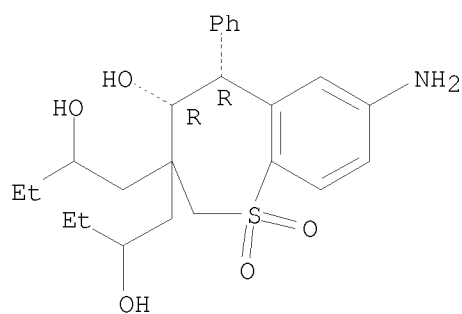
Absolute stereochemistry.

10/590,458



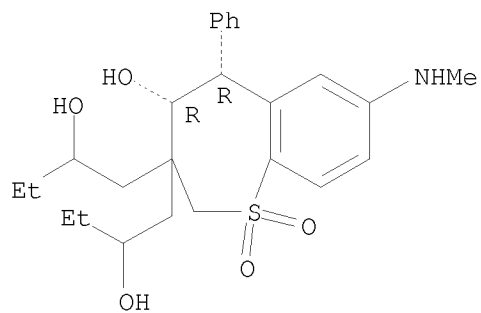
RN 1064593-14-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-15-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

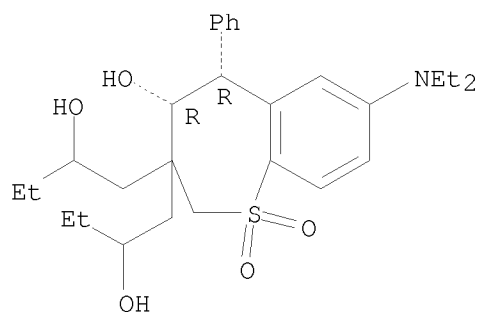
Absolute stereochemistry.



RN 1064593-16-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

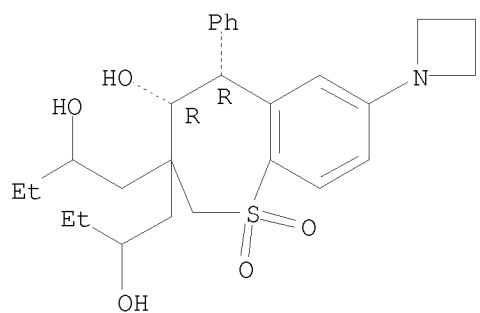
Absolute stereochemistry.

10/590,458



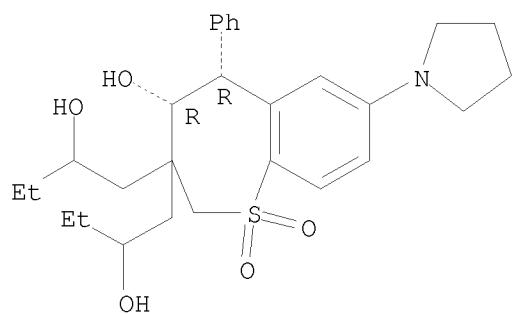
RN 1064593-17-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-18-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

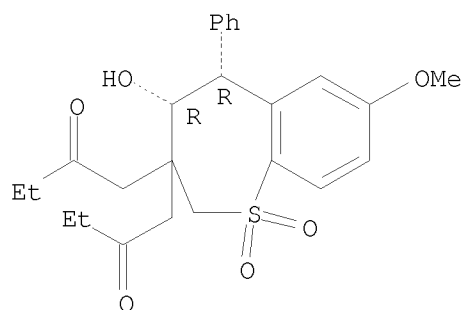
Absolute stereochemistry.



RN 1064593-19-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

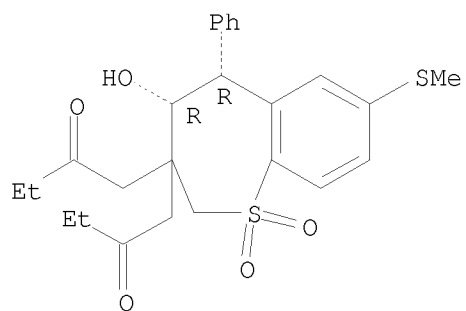
Absolute stereochemistry.

10/590,458



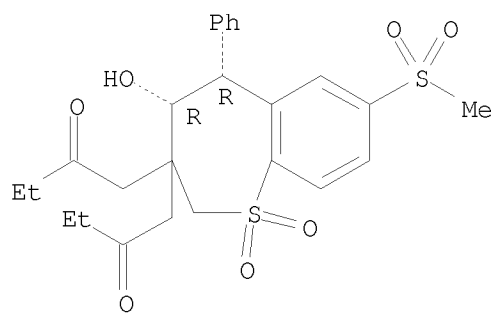
RN 1064593-20-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-21-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

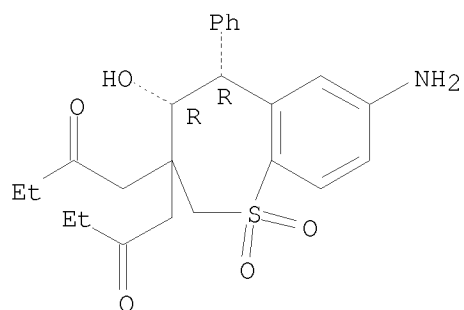
Absolute stereochemistry.



RN 1064593-22-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

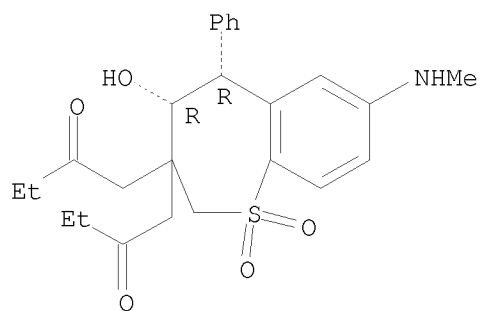
Absolute stereochemistry.

10/590,458



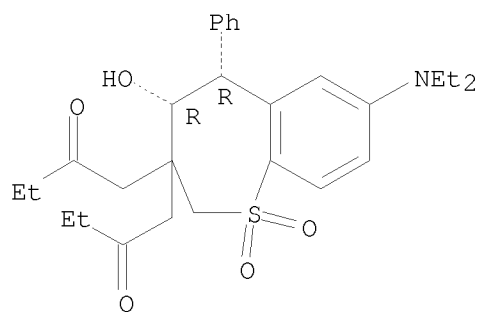
RN 1064593-23-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-24-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

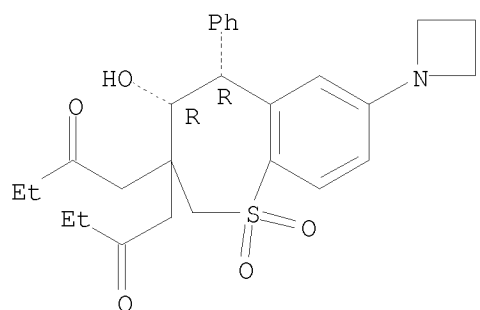
Absolute stereochemistry.



RN 1064593-25-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

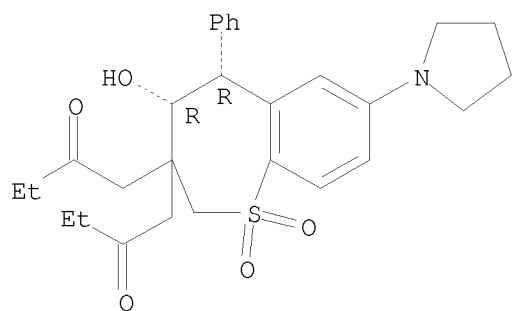
Absolute stereochemistry.

10/590,458



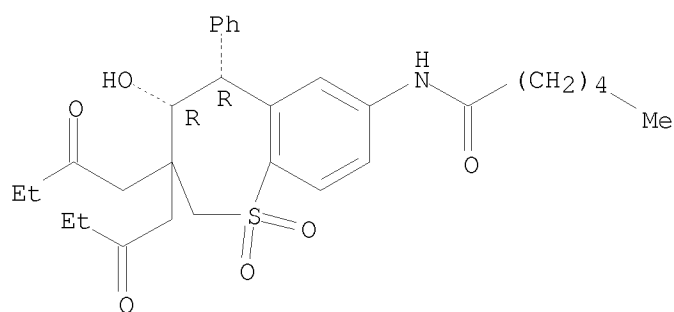
RN 1064593-26-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-27-6 CAPLUS
CN Hexanamide, N-[(4R, 5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

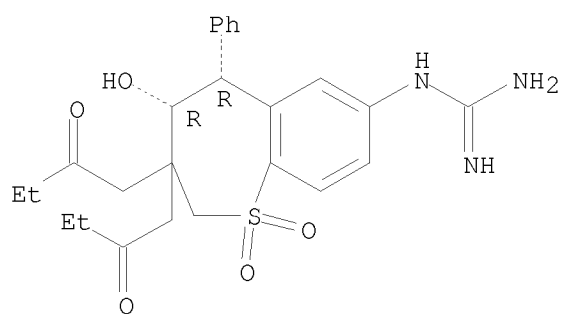
Absolute stereochemistry.



RN 1064593-28-7 CAPLUS
CN Guanidine, N-[(4R, 5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

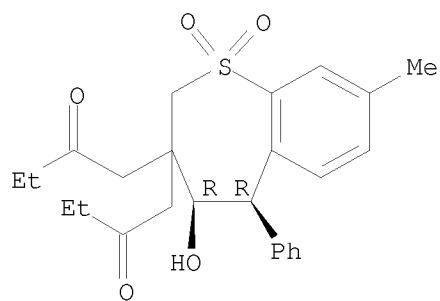
Absolute stereochemistry.

10/590,458



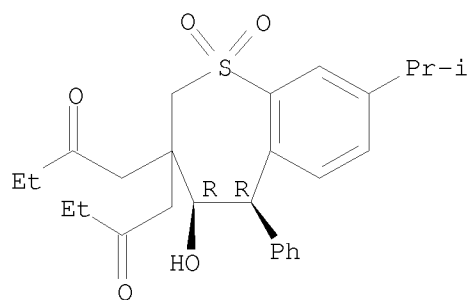
RN 1064593-29-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-30-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

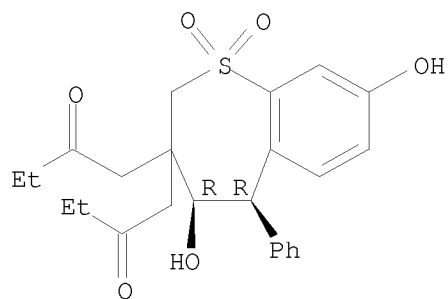
Absolute stereochemistry.



RN 1064593-31-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

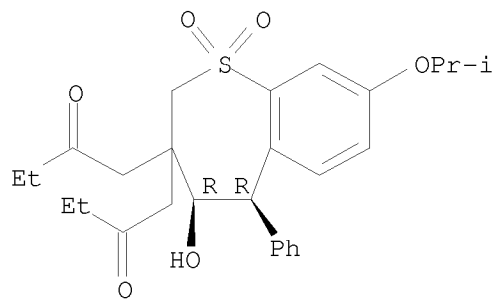
Absolute stereochemistry.

10/590,458



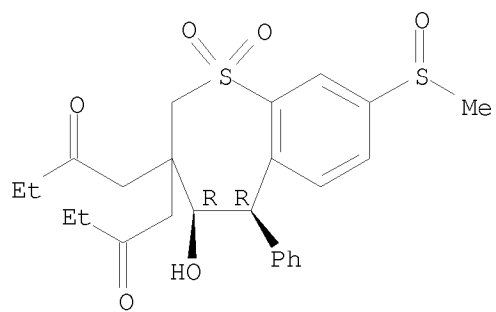
RN 1064593-32-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-33-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

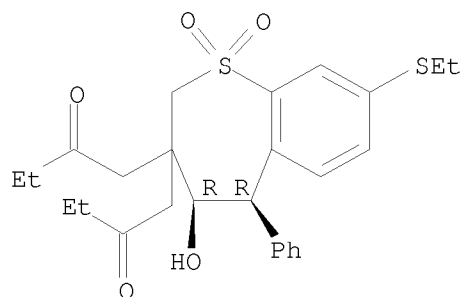
Absolute stereochemistry.



RN 1064593-34-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

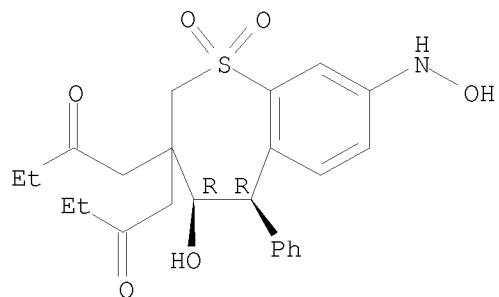
Absolute stereochemistry.

10/590,458



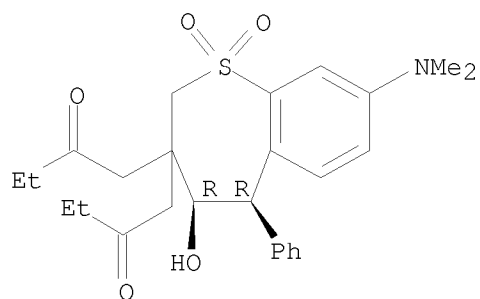
RN 1064593-35-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-36-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

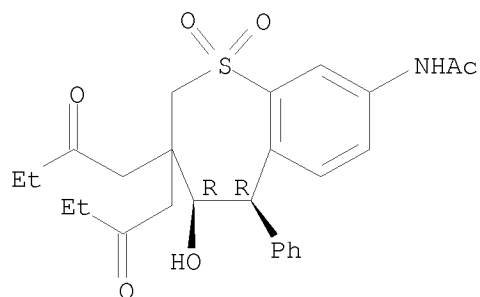
Absolute stereochemistry.



RN 1064593-37-8 CAPLUS
CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

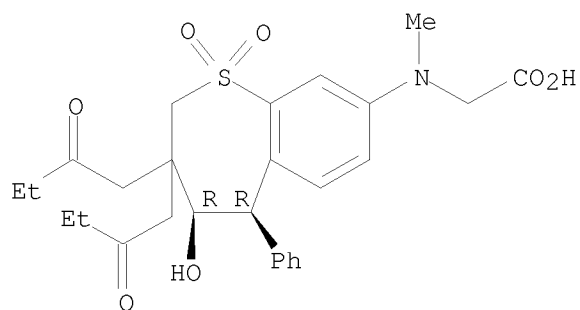
10/590,458



RN 1064593-38-9 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

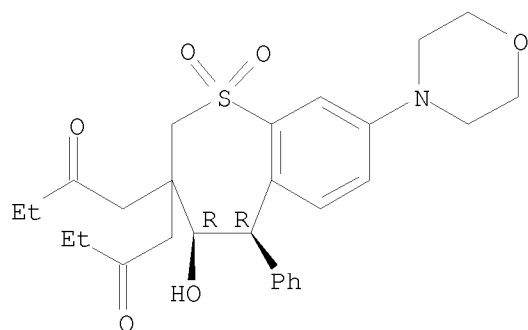
Absolute stereochemistry.



RN 1064593-40-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

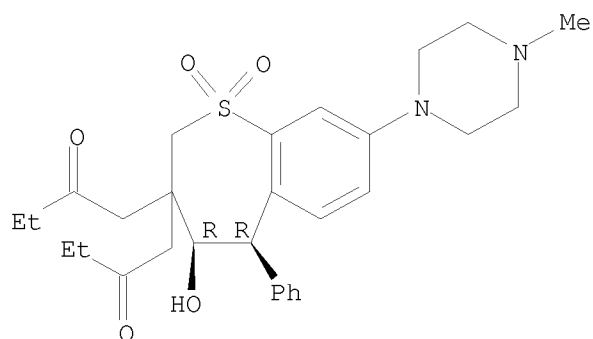


RN 1064593-41-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

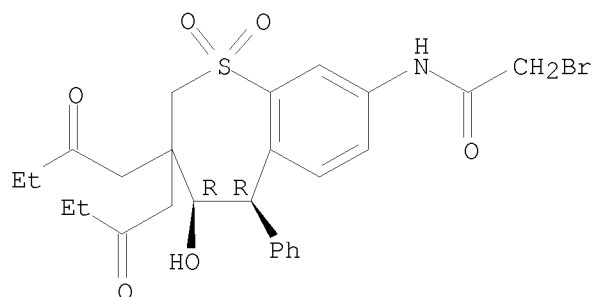
10/590,458



RN 1064593-42-5 CAPLUS

CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

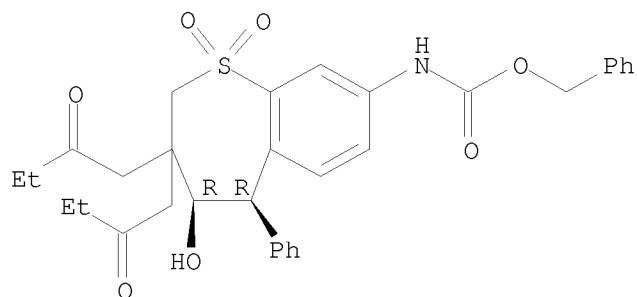
Absolute stereochemistry.



RN 1064593-43-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

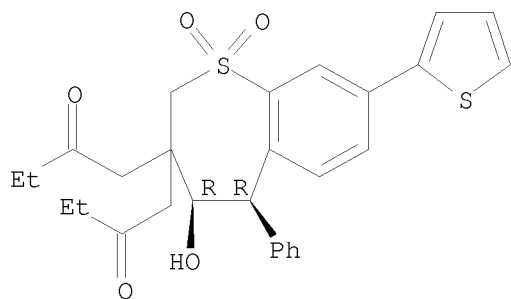


RN 1064593-44-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

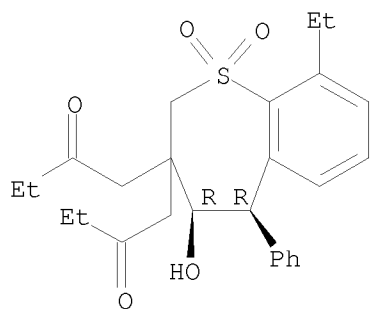
Absolute stereochemistry.

10/590,458



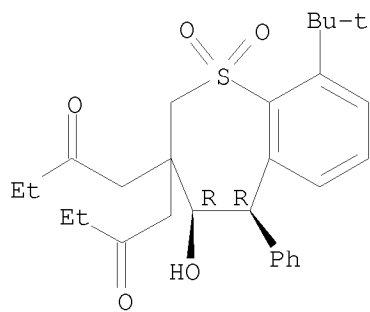
RN 1064593-45-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-46-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

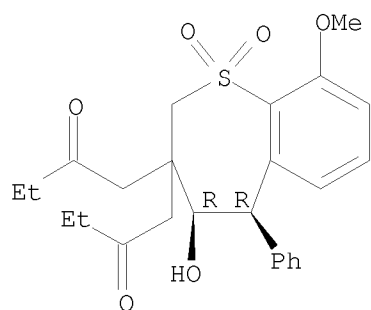
Absolute stereochemistry.



RN 1064593-47-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

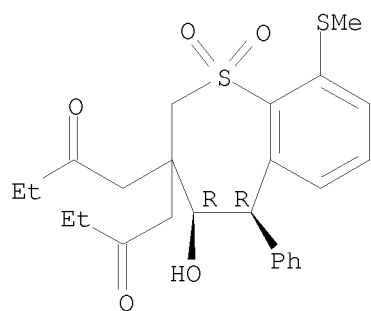
Absolute stereochemistry.

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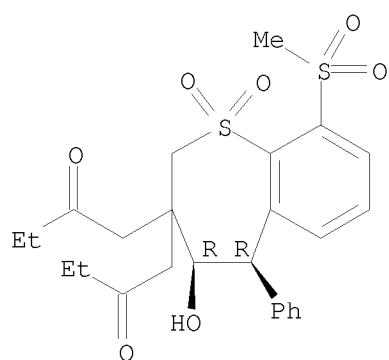
RN 1064593-48-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-49-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

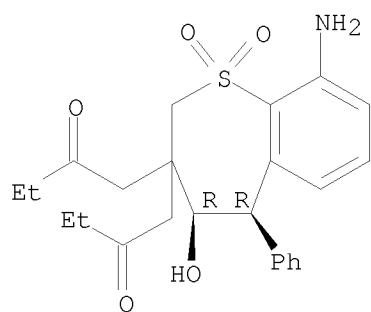
Absolute stereochemistry.



RN 1064593-50-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

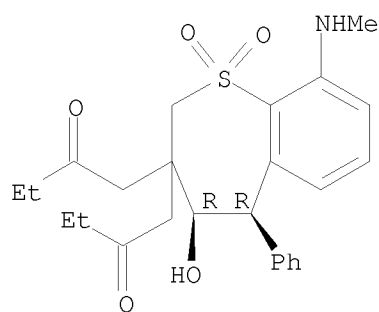
Absolute stereochemistry.

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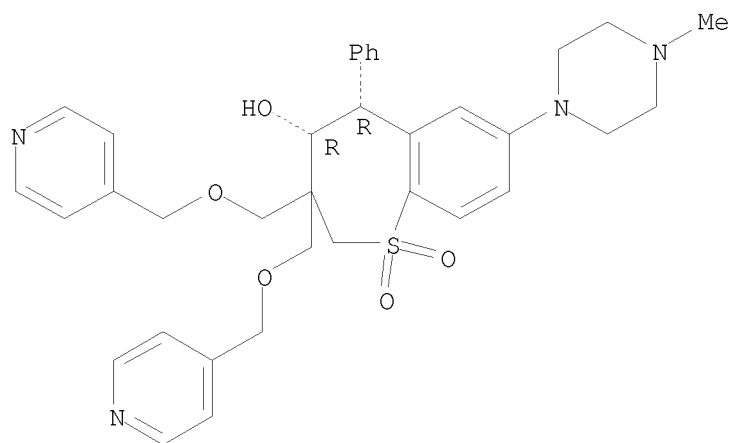
RN 1064593-51-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-52-7 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

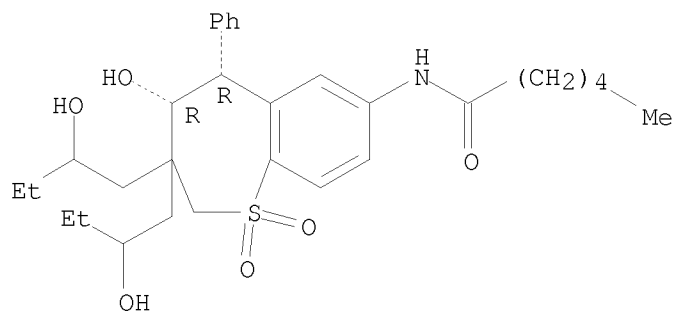


RN 1064593-53-8 CAPLUS

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CN INDEX NAME NOT YET ASSIGNED

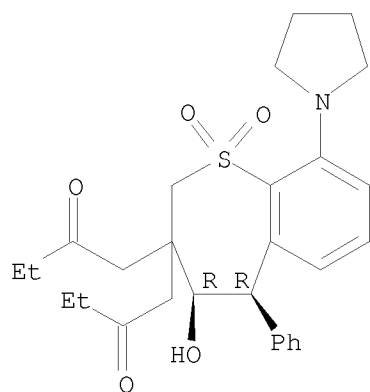
Absolute stereochemistry.



RN 1064593-54-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

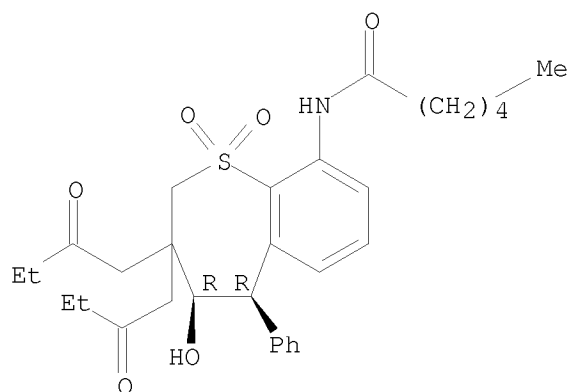


RN 1064593-55-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

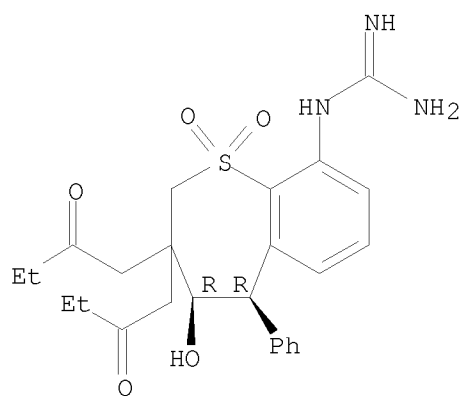
Absolute stereochemistry.

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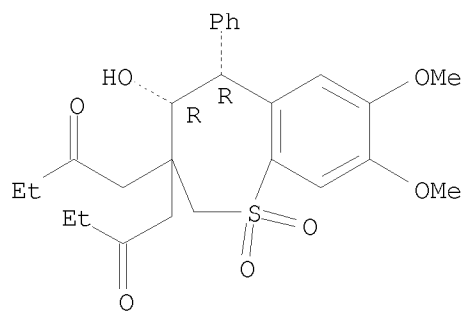
RN 1064593-56-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-57-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

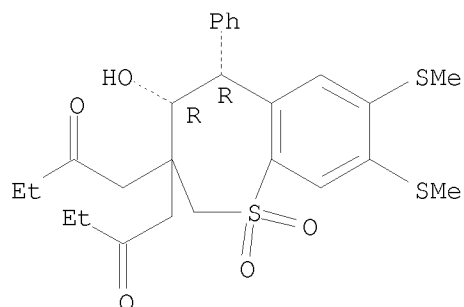


RN 1064593-58-3 CAPLUS

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CN INDEX NAME NOT YET ASSIGNED

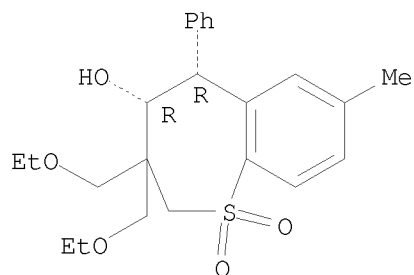
Absolute stereochemistry.



RN 1064593-59-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-methyl-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

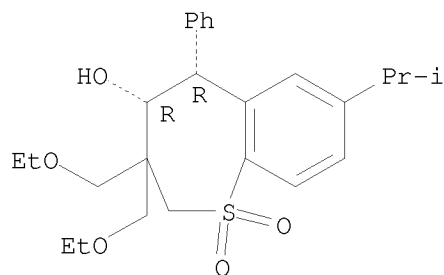
Absolute stereochemistry.



RN 1064593-60-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

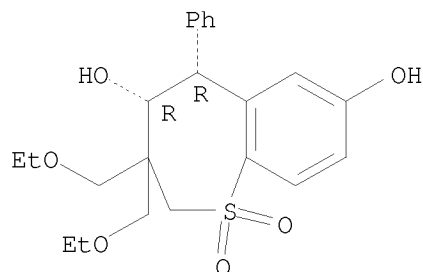


RN 1064593-61-8 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

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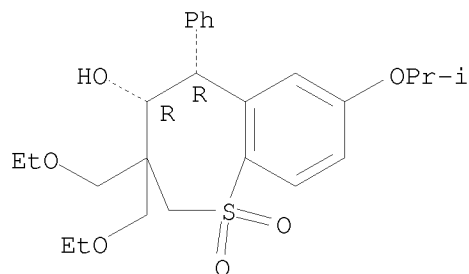
Absolute stereochemistry.



RN 1064593-62-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

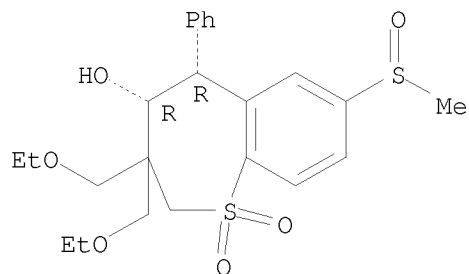
Absolute stereochemistry.



RN 1064593-63-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

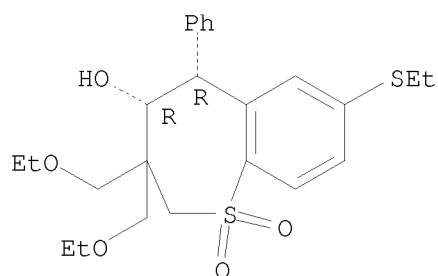


RN 1064593-64-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-7-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

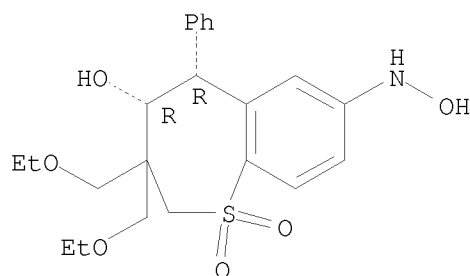
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RN 1064593-65-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

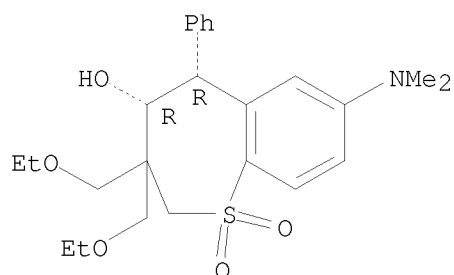
Absolute stereochemistry.



RN 1064593-66-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(dimethylamino)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

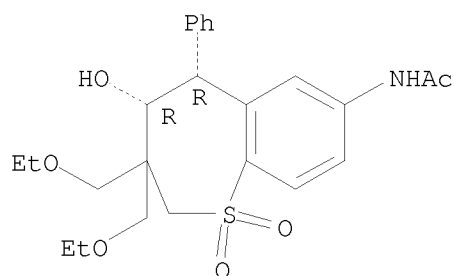


RN 1064593-67-4 CAPLUS

CN Acetamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

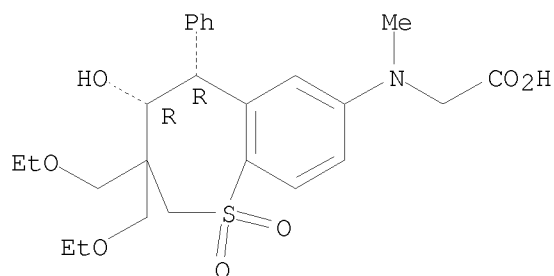
10/590,458



RN 1064593-68-5 CAPLUS

CN Glycine, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-N-methyl- (CA INDEX NAME)

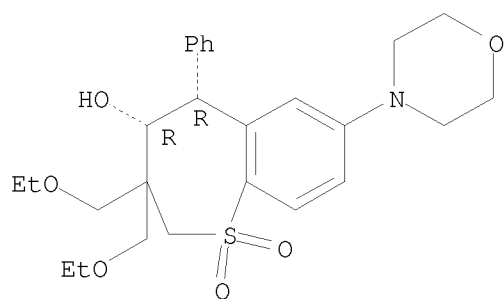
Absolute stereochemistry.



RN 1064593-70-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

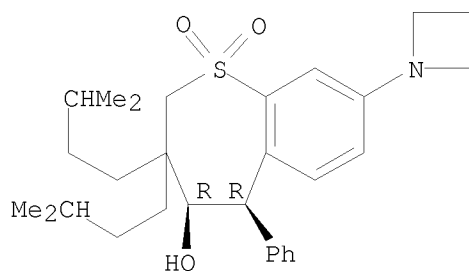


RN 1064593-71-0 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(1-azetidiny)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

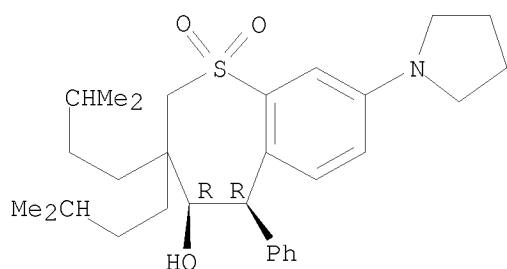
10/590,458



RN 1064593-72-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-8-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

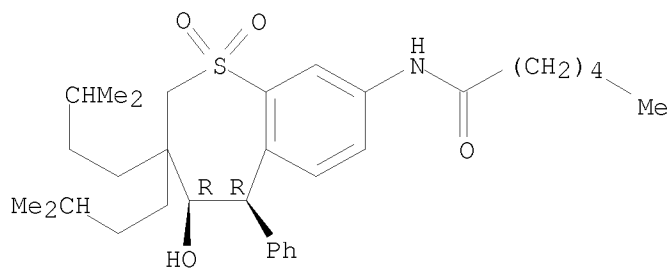
Absolute stereochemistry.



RN 1064593-73-2 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

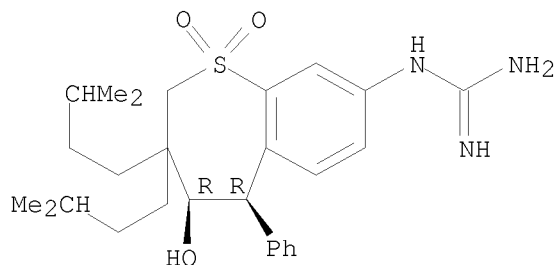


RN 1064593-74-3 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

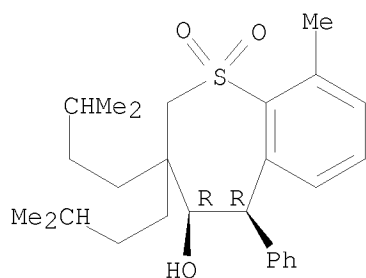
10/590,458



RN 1064593-75-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-9-methyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

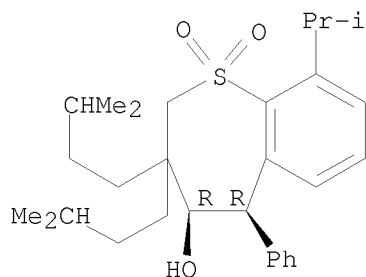
Absolute stereochemistry.



RN 1064593-76-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-9-(1-methylethyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

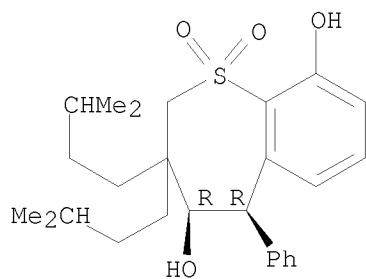


RN 1064593-77-6 CAPLUS

CN 1-Benzothiepin-4,9-diol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

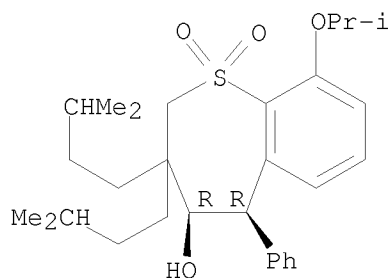
10/590,458



RN 1064593-79-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-9-(1-methylethoxy)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

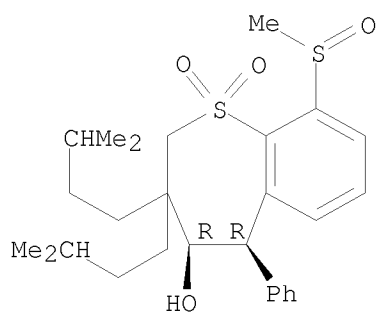
Absolute stereochemistry.



RN 1064593-80-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-9-(methylsulfinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

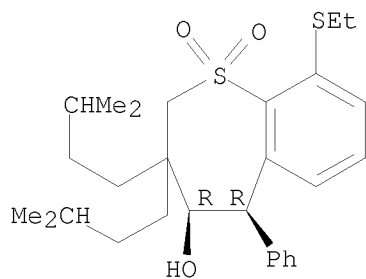


RN 1064593-81-2 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(ethylthio)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

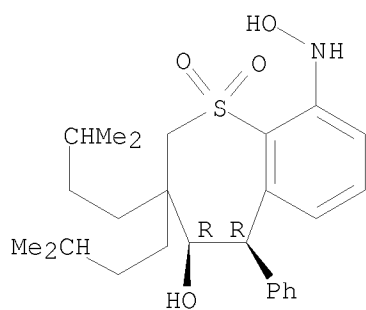
Absolute stereochemistry.

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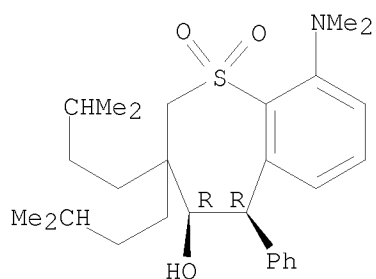
RN 1064593-82-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-83-4 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

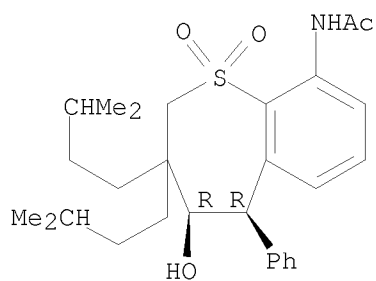
Absolute stereochemistry.



RN 1064593-84-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

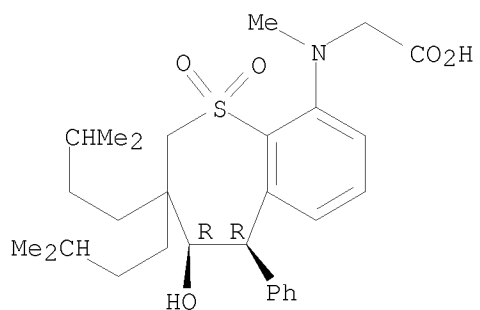
Absolute stereochemistry.

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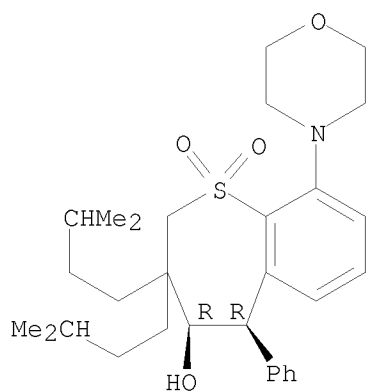
RN 1064593-85-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064593-86-7 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-9-(4-morpholinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

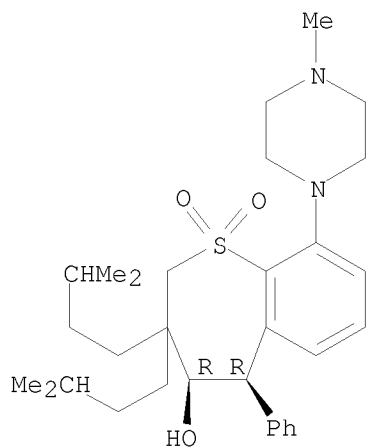
Absolute stereochemistry.



RN 1064593-87-8 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-9-(4-methyl-1-piperazinyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

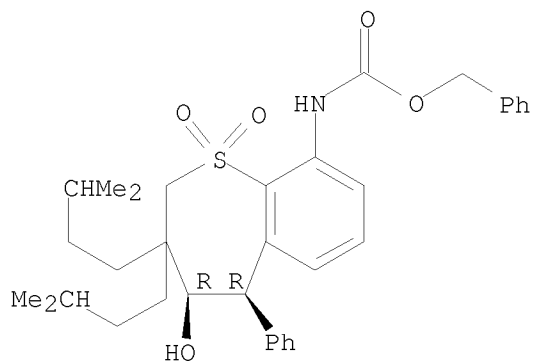
10/590,458

Absolute stereochemistry.



RN 1064593-88-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

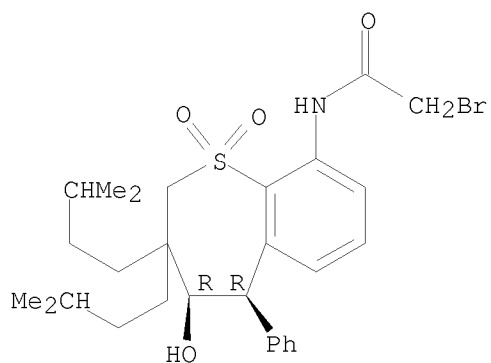
Absolute stereochemistry.



RN 1064593-89-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

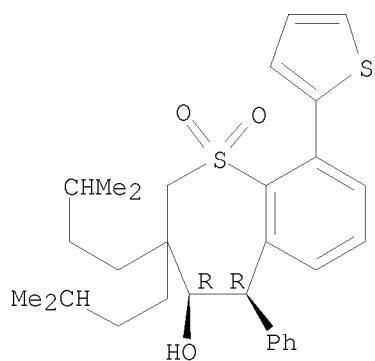
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RN 1064593-90-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-3,3-bis(3-methylbutyl)-5-phenyl-9-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

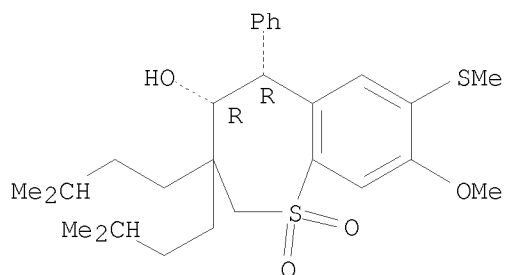
Absolute stereochemistry.



RN 1064593-91-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methoxy-3,3-bis(3-methylbutyl)-7-(methylthio)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



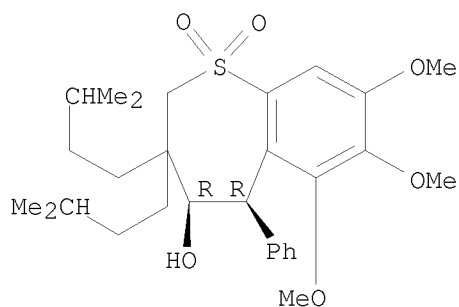
RN 1064593-92-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-6,7,8-trimethoxy-3,3-bis(3-

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methylbutyl)-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

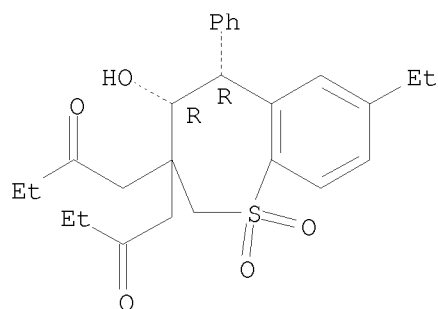
Absolute stereochemistry.



RN 1064593-93-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

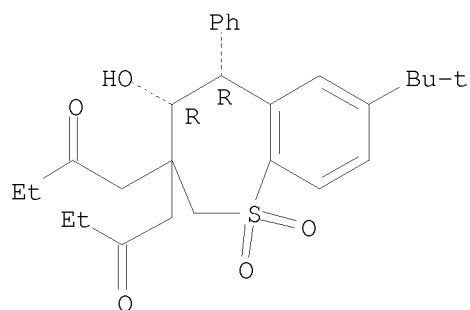
Absolute stereochemistry.



RN 1064593-94-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

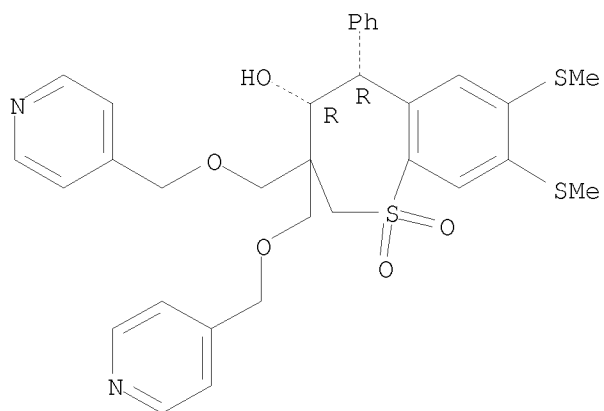


RN 1064593-95-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-bis(methylthio)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

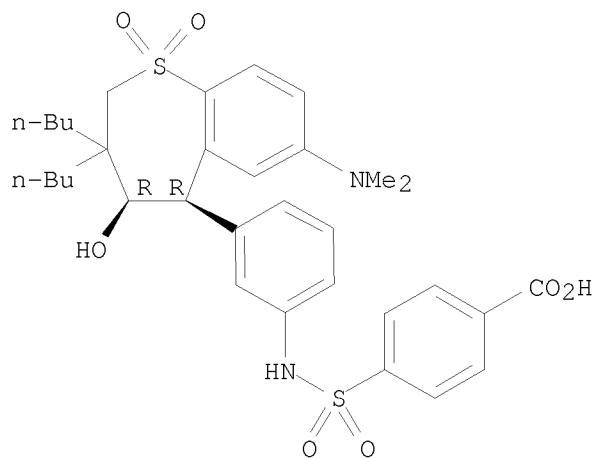
10/590,458

Absolute stereochemistry.



RN 1064593-97-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

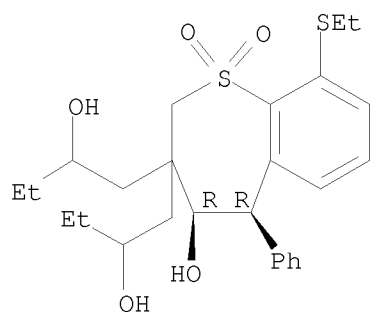
Absolute stereochemistry.



RN 1064593-98-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

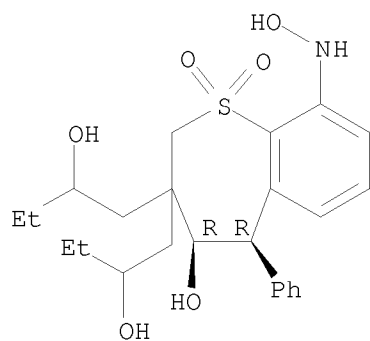
Absolute stereochemistry.

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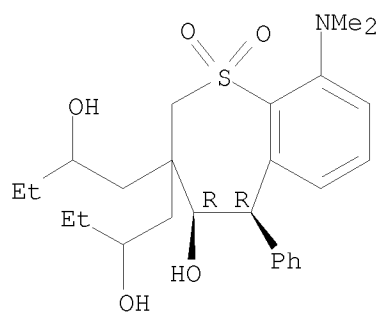
RN 1064593-99-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064594-00-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

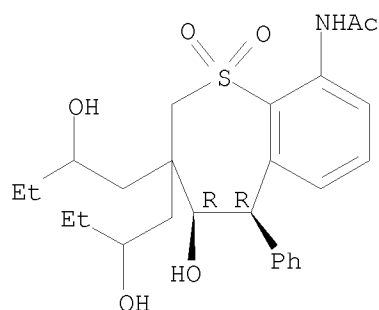
Absolute stereochemistry.



RN 1064594-01-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

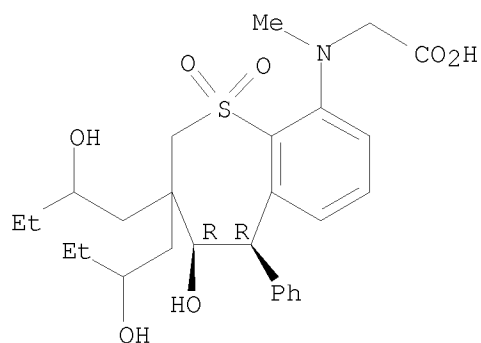
Absolute stereochemistry.

10/590,458



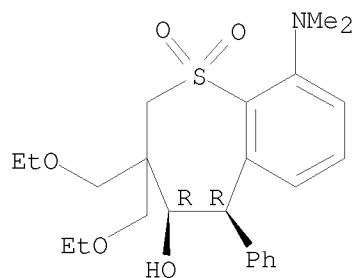
RN 1064594-02-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064594-03-1 CAPLUS
CN 1-Benzothiepin-4-ol, 9-(dimethylamino)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

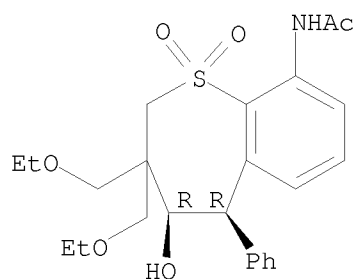
Absolute stereochemistry.



RN 1064594-04-2 CAPLUS
CN Acetamide, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]- (CA INDEX NAME)

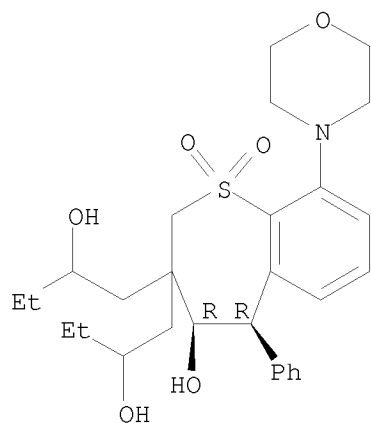
Absolute stereochemistry.

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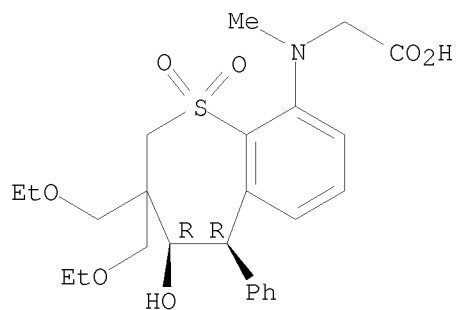
RN 1064594-05-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064594-06-4 CAPLUS
CN Glycine, N-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-N-methyl- (CA INDEX NAME)

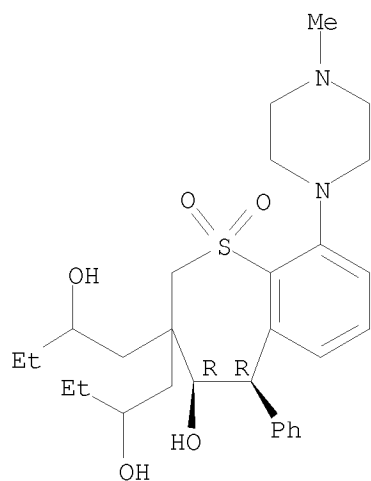
Absolute stereochemistry.



RN 1064594-09-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

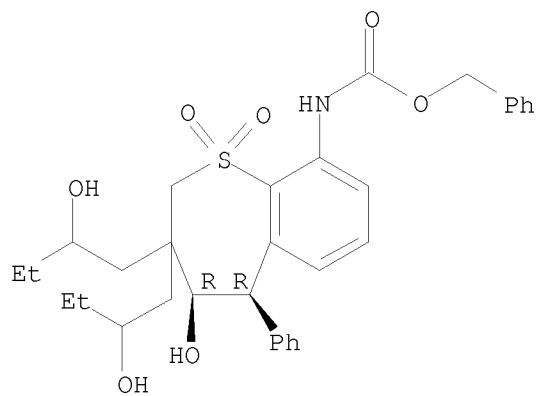
Absolute stereochemistry.

10/590,458



RN 1064594-10-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

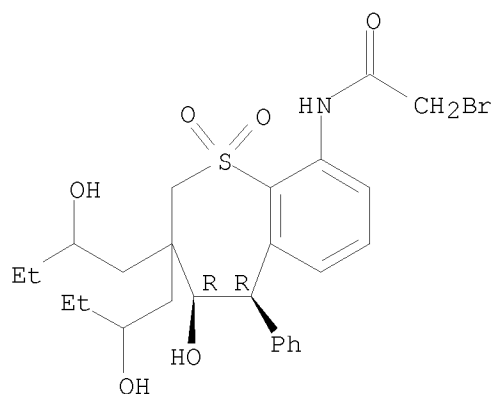
Absolute stereochemistry.



RN 1064594-12-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

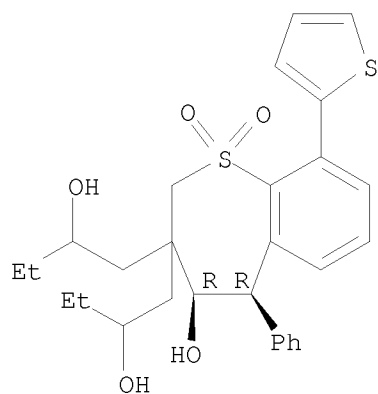
Absolute stereochemistry.

10/590,458



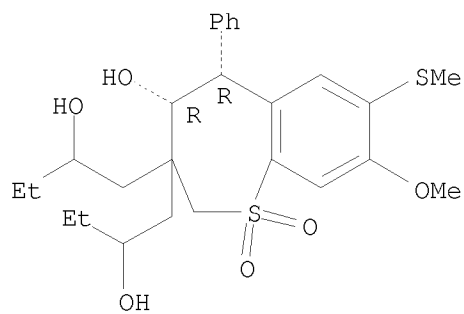
RN 1064594-14-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064594-16-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

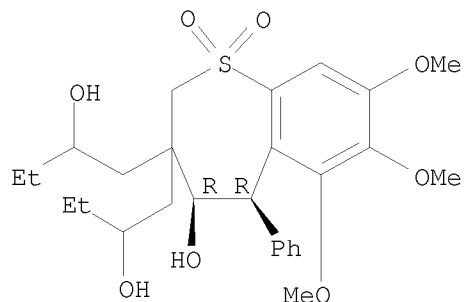


RN 1064594-18-8 CAPLUS

10/590,458

CN INDEX NAME NOT YET ASSIGNED

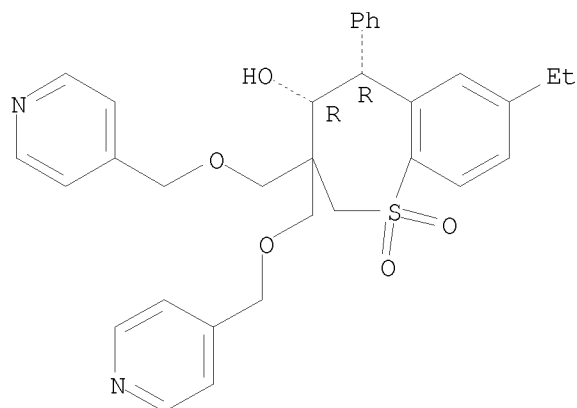
Absolute stereochemistry.



RN 1064594-20-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-ethyl-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

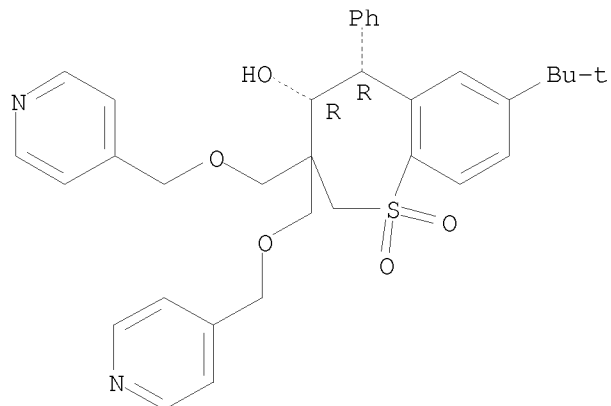


RN 1064594-22-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

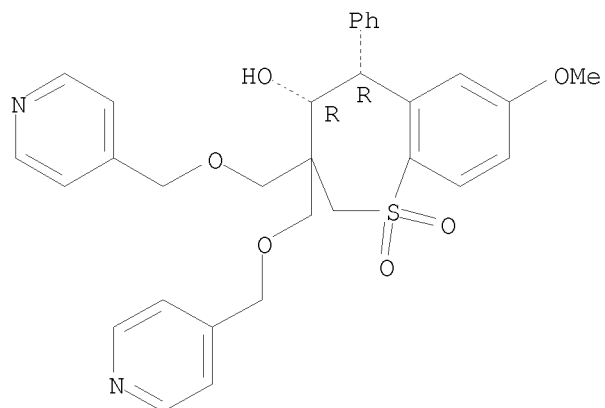
10/590,458



RN 1064594-26-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-methoxy-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

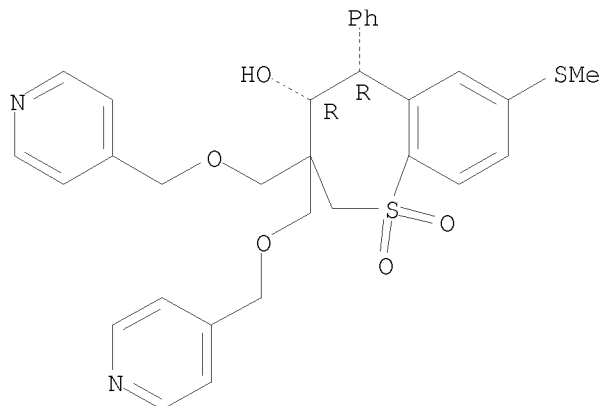


RN 1064594-29-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylthio)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

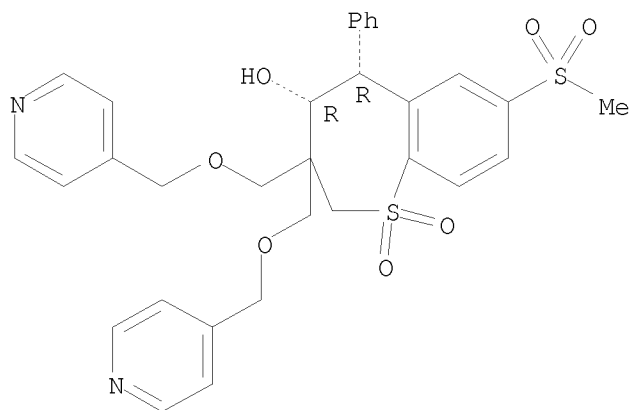
10/590,458



RN 1064594-30-4 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylsulfonyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

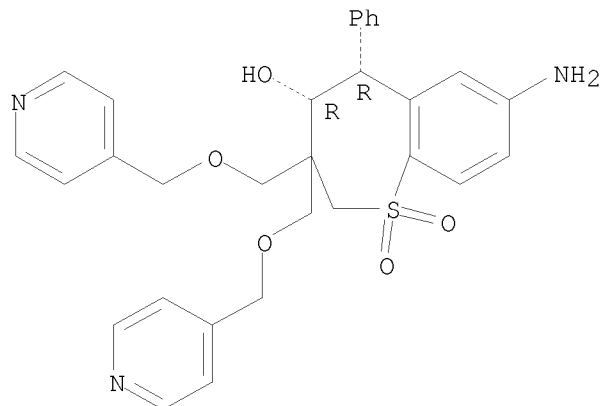


RN 1064594-31-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

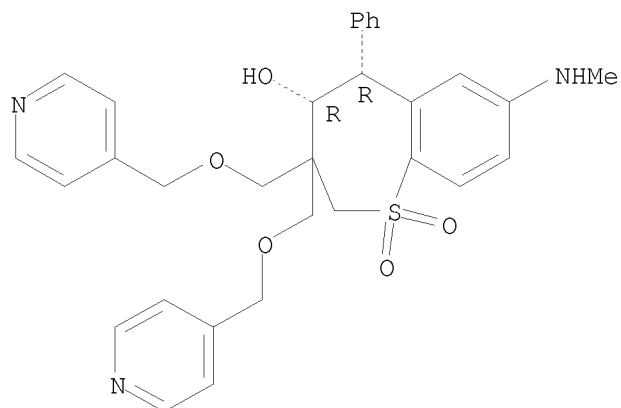
10/590,458



RN 1064594-35-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylamino)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

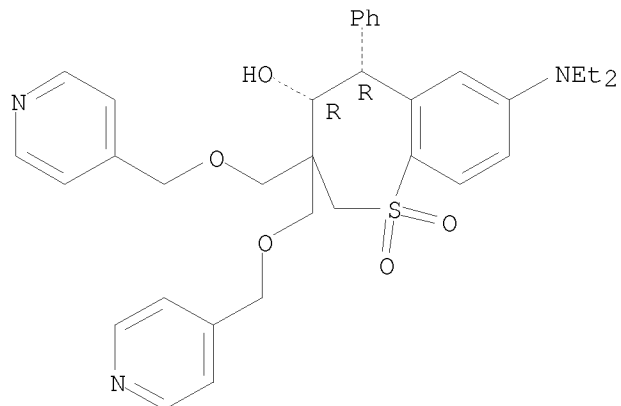


RN 1064594-37-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(diethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

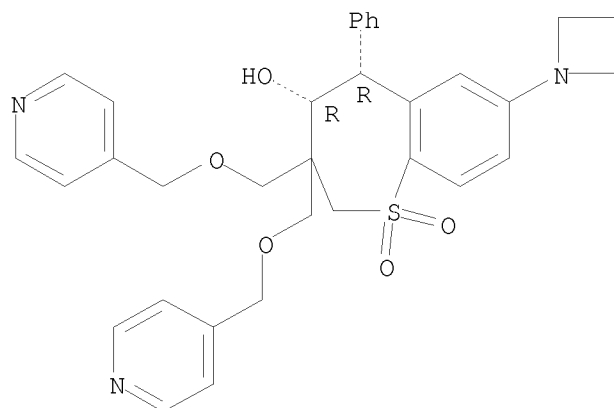
10/590,458



RN 1064594-38-2 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

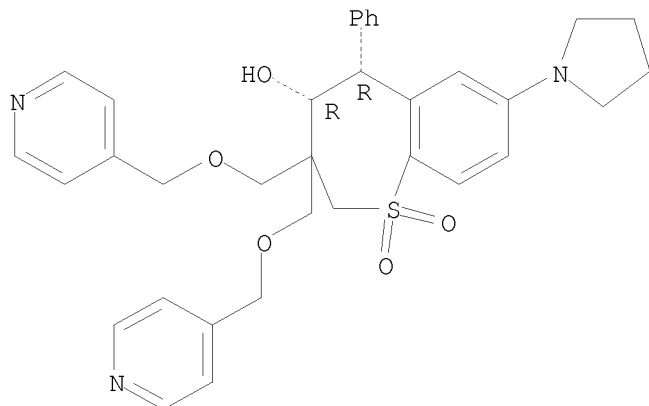


RN 1064594-39-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-7-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

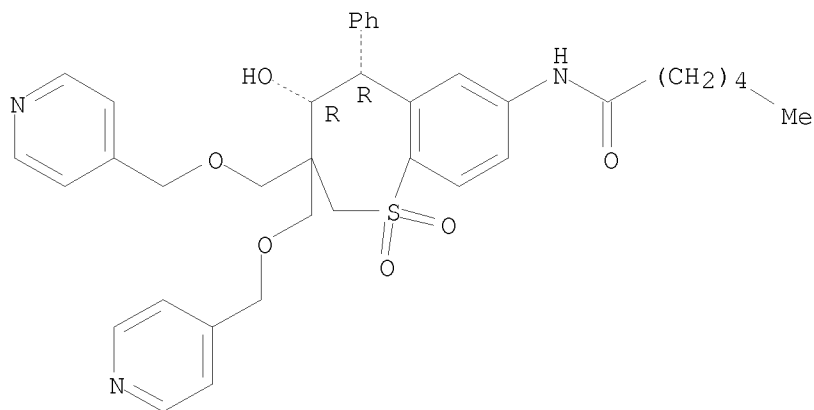
10/590,458



RN 1064594-40-6 CAPLUS

CN Hexanamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

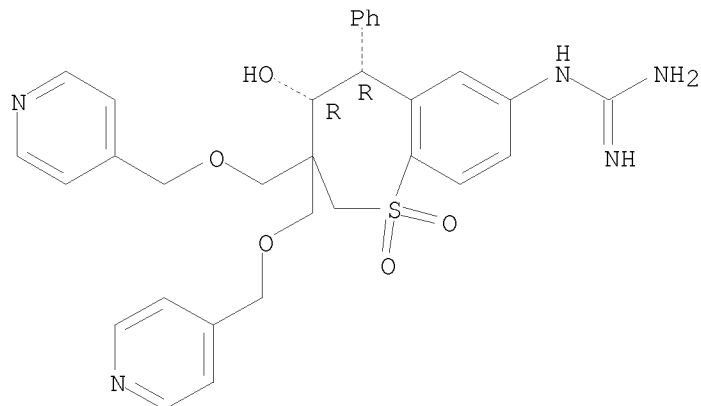


RN 1064594-41-7 CAPLUS

CN Guanidine, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.

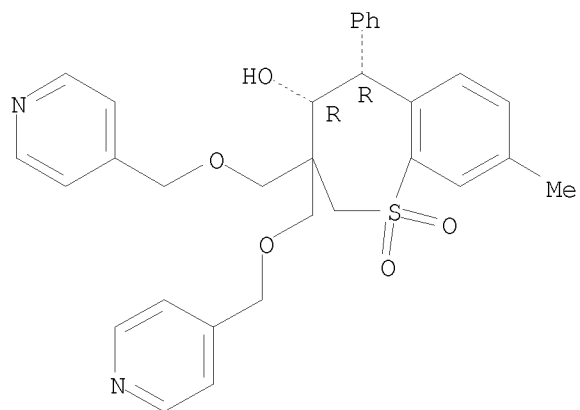
10/590,458



RN 1064594-42-8 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-methyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

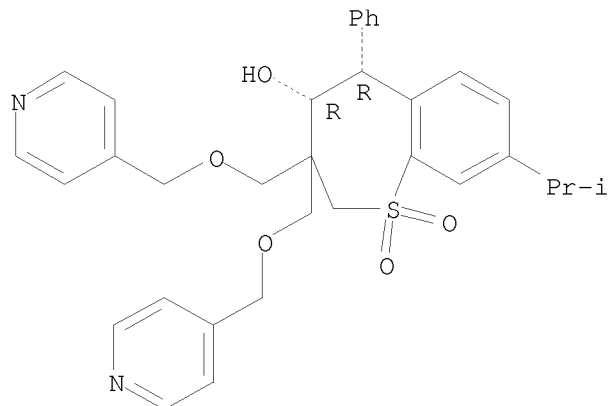


RN 1064594-43-9 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

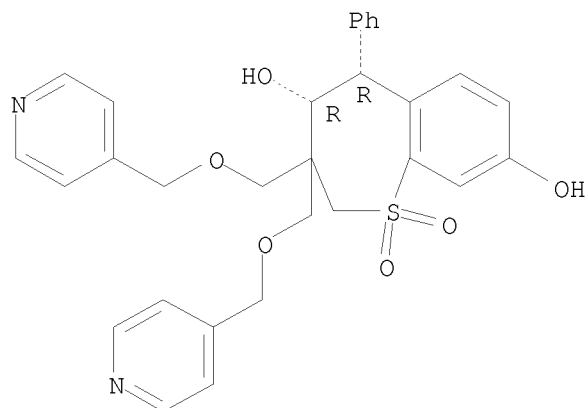
10/590,458



RN 1064594-45-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

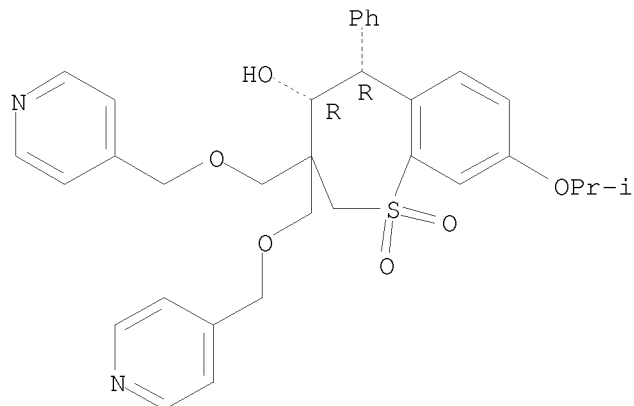


RN 1064594-46-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(1-methylethoxy)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

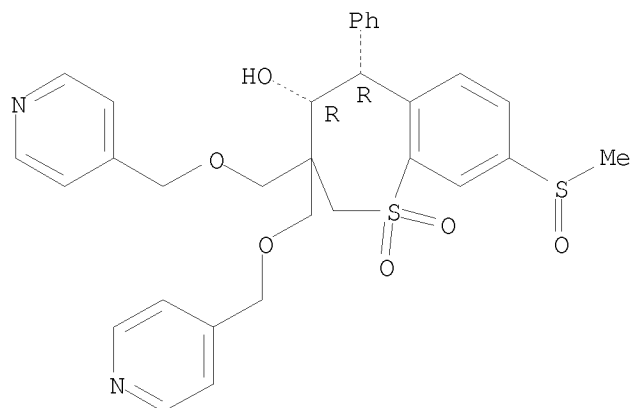
10/590,458



RN 1064594-47-3 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(methylsulfinyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

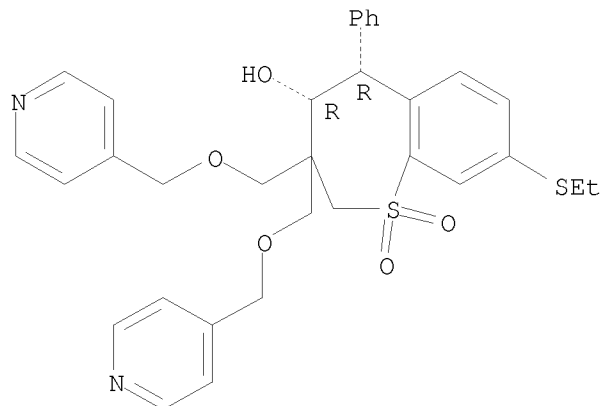


RN 1064594-48-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(ethylthio)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

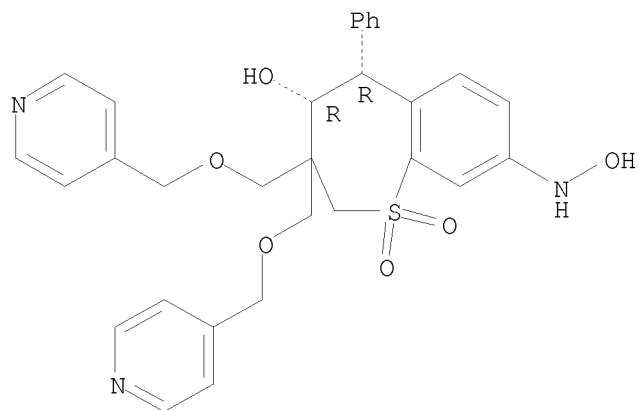
10/590,458



RN 1064594-49-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(hydroxyamino)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

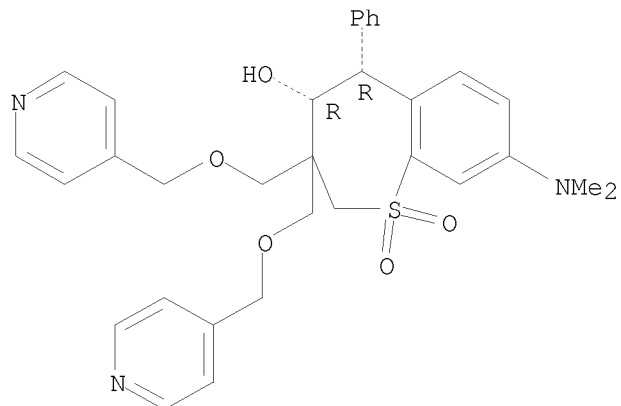


RN 1064594-50-8 CAPLUS

CN 1-Benzothiepin-4-ol, 8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

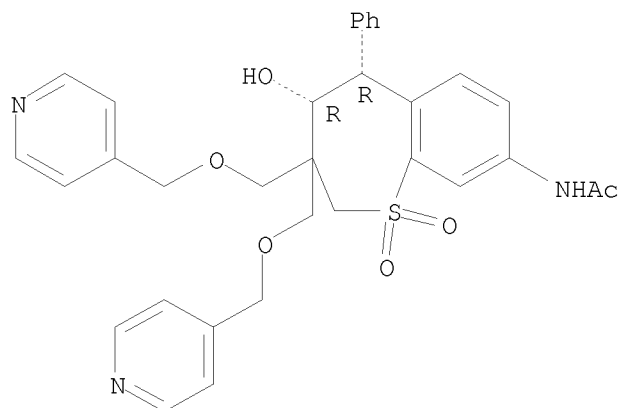
10/590,458



RN 1064594-51-9 CAPLUS

CN Acetamide, N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

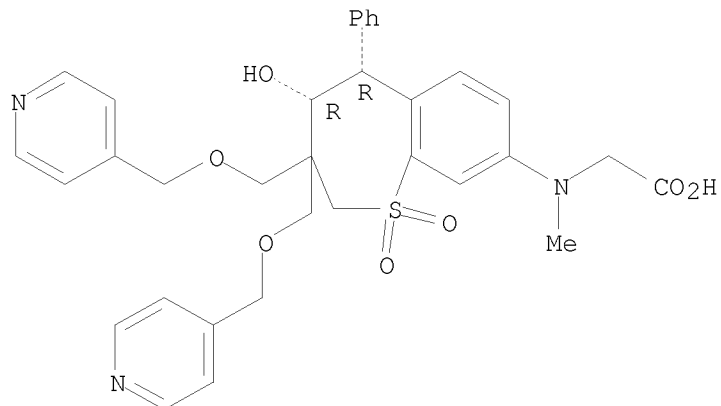


RN 1064594-52-0 CAPLUS

CN Glycine, N-methyl-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

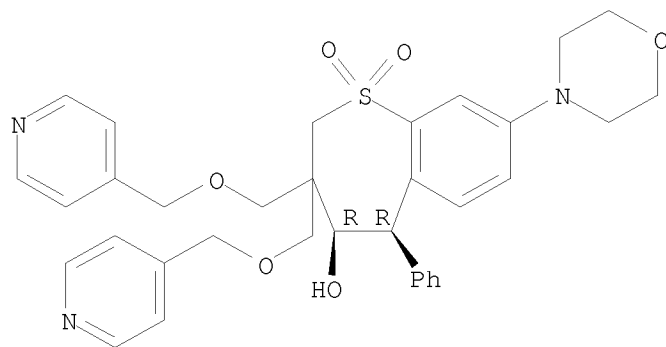
10/590,458



RN 1064594-53-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(4-morpholinyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

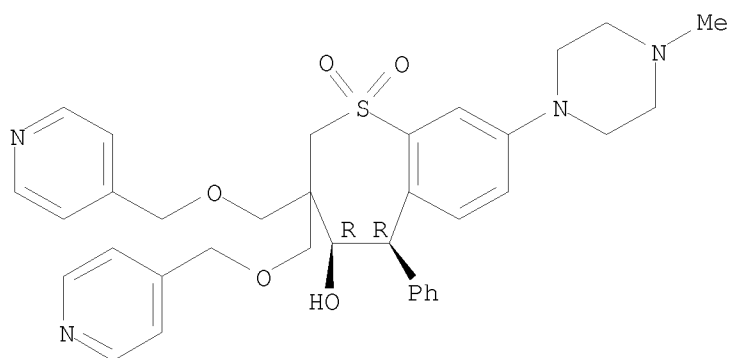


RN 1064594-54-2 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-8-(4-methyl-1-piperazinyl)-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

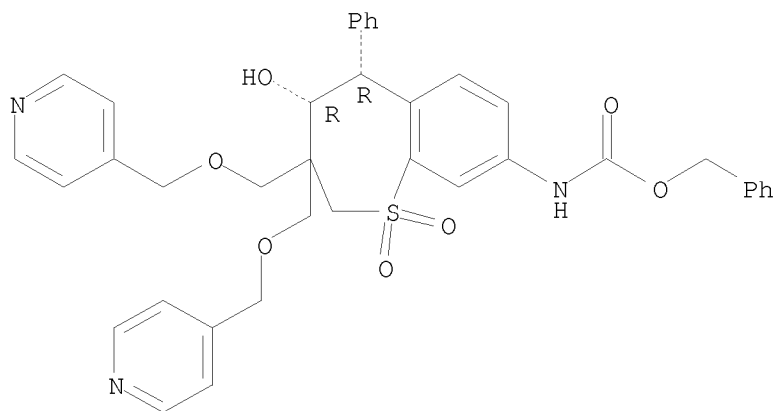
Absolute stereochemistry.

10/590,458



RN 1064594-55-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

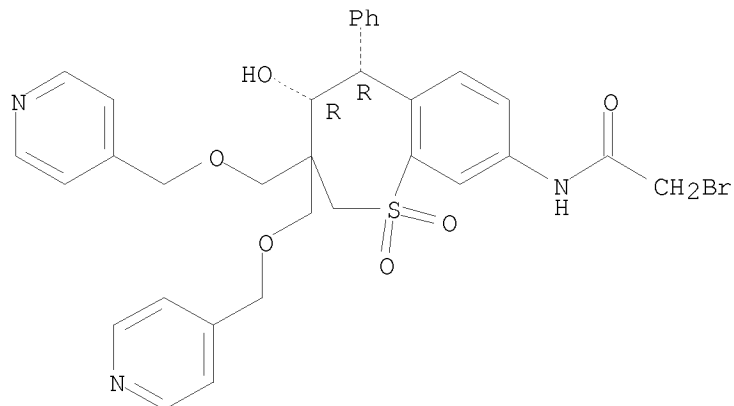
Absolute stereochemistry.



RN 1064594-56-4 CAPLUS
CN Acetamide, 2-bromo-N-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]- (CA INDEX NAME)

Absolute stereochemistry.

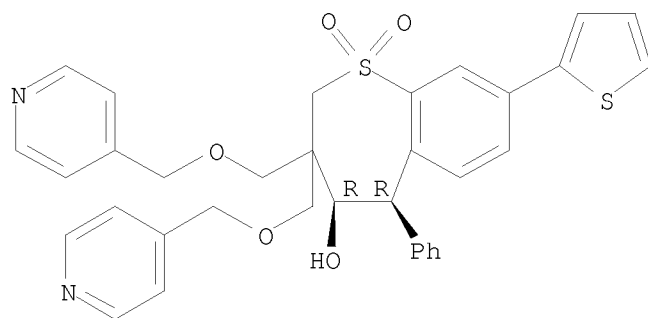
10/590,458



RN 1064594-57-5 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-8-(2-thienyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

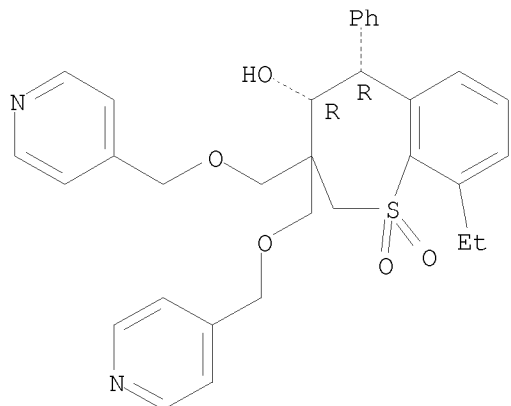


RN 1064594-58-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-ethyl-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

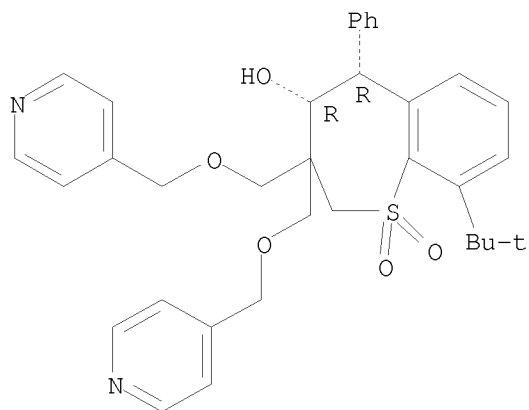
10/590,458



RN 1064594-59-7 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1,1-dimethylethyl)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

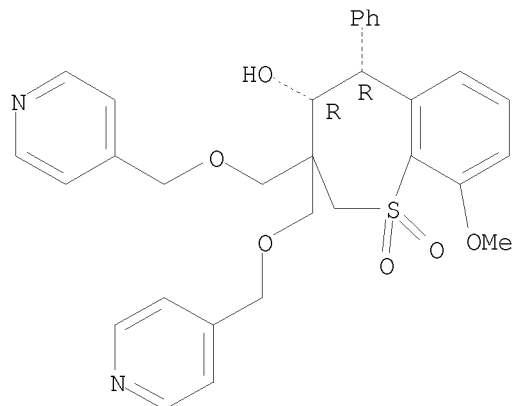


RN 1064594-60-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

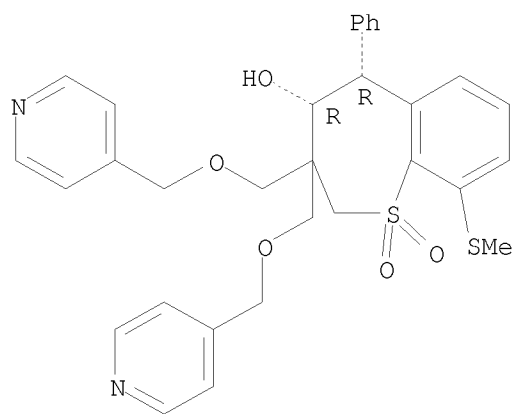
Absolute stereochemistry.

10/590,458



RN 1064594-61-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

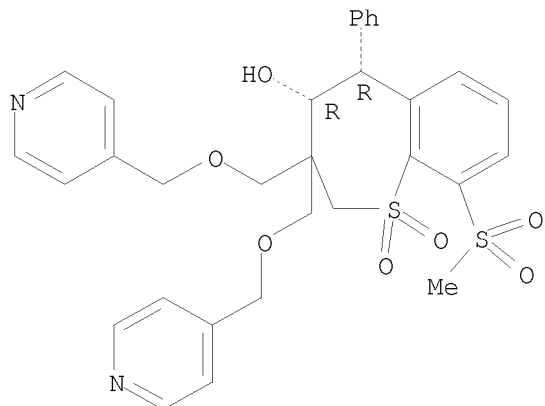
Absolute stereochemistry.



RN 1064594-62-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

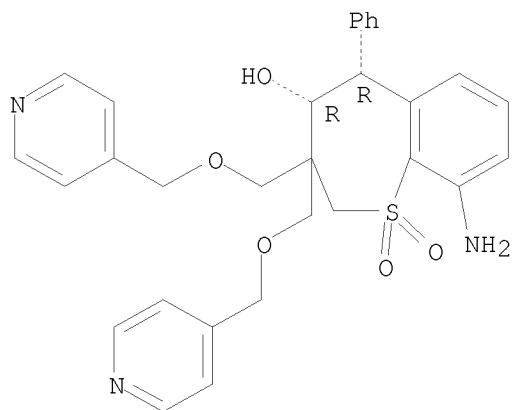
10/590,458



RN 1064594-63-3 CAPLUS

CN 1-Benzothiepin-4-ol, 9-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

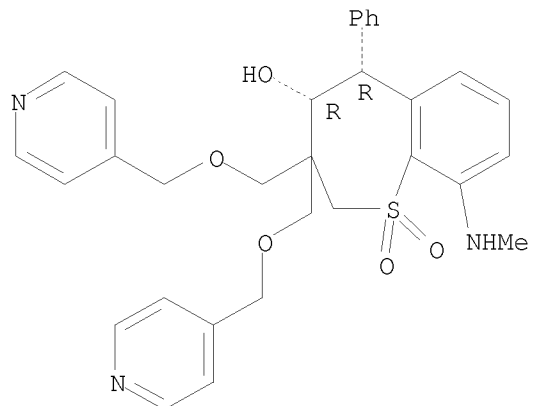


RN 1064594-64-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

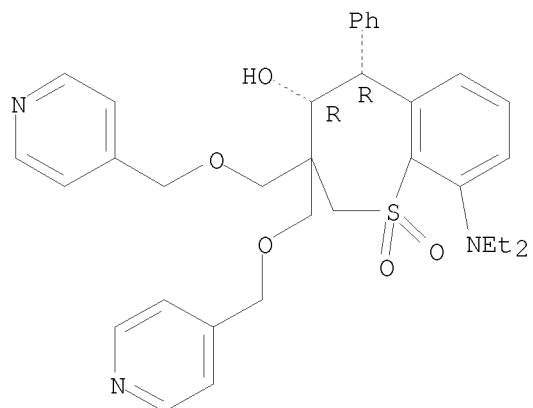
10/590,458



RN 1064594-65-5 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(diethylamino)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

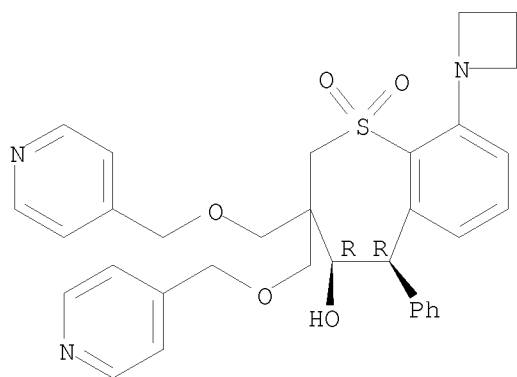


RN 1064594-66-6 CAPLUS

CN 1-Benzothiepin-4-ol, 9-(1-azetidiny)-2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

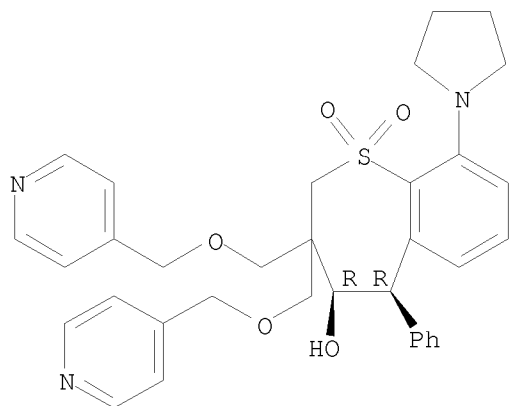
Absolute stereochemistry.

10/590,458



RN 1064594-67-7 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-9-(1-pyrrolidinyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

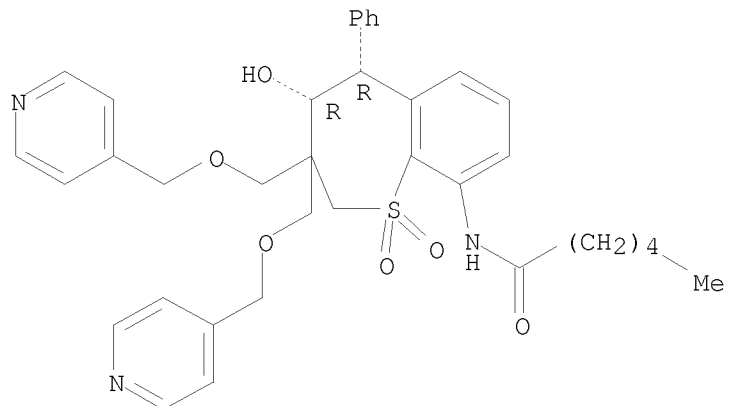
Absolute stereochemistry.



RN 1064594-68-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

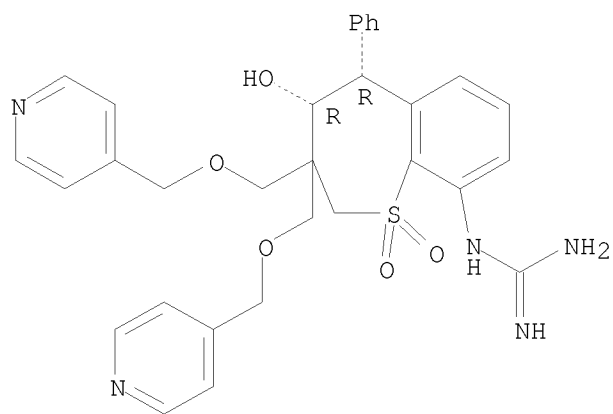
Absolute stereochemistry.

10/590,458



RN 1064594-69-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

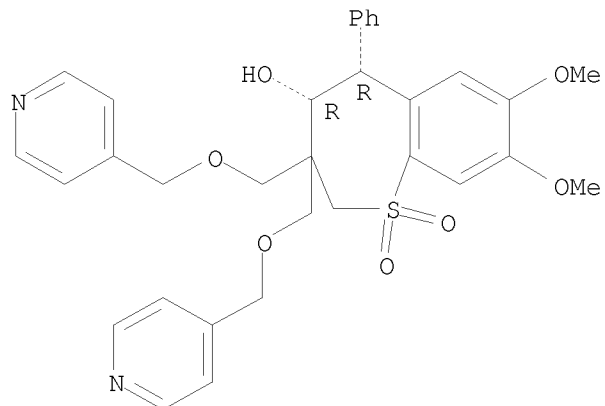
Absolute stereochemistry.



RN 1064594-70-2 CAPLUS
CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

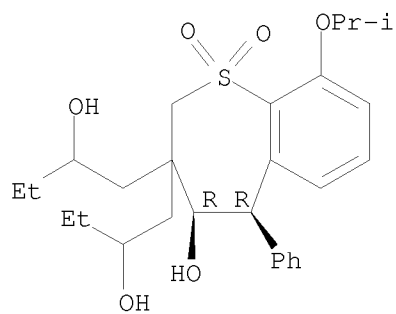
Absolute stereochemistry.

10/590,458



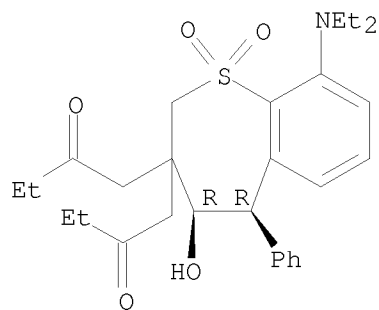
RN 1064594-71-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064594-72-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

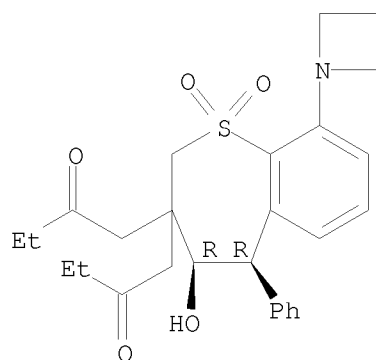
Absolute stereochemistry.



RN 1064594-73-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

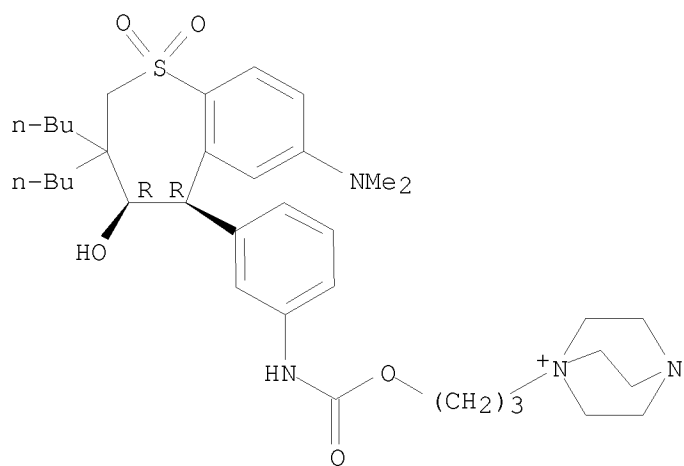
Absolute stereochemistry.

10/590,458



RN 1065228-07-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

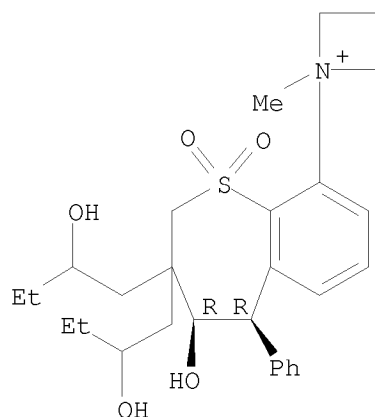


● Cl⁻

RN 1068440-99-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

10/590,458

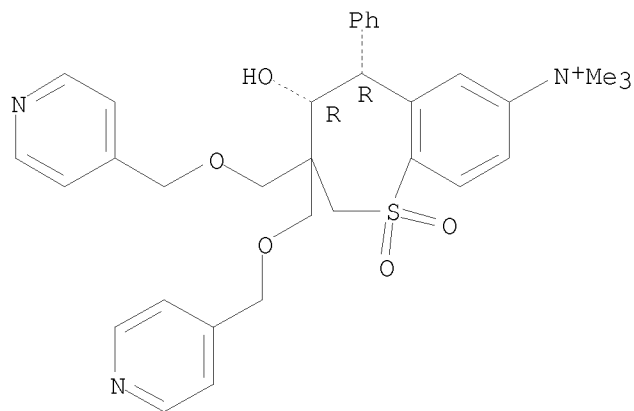


● I⁻

RN 1068441-00-8 CAPLUS

CN 1-Benzothiepin-7-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



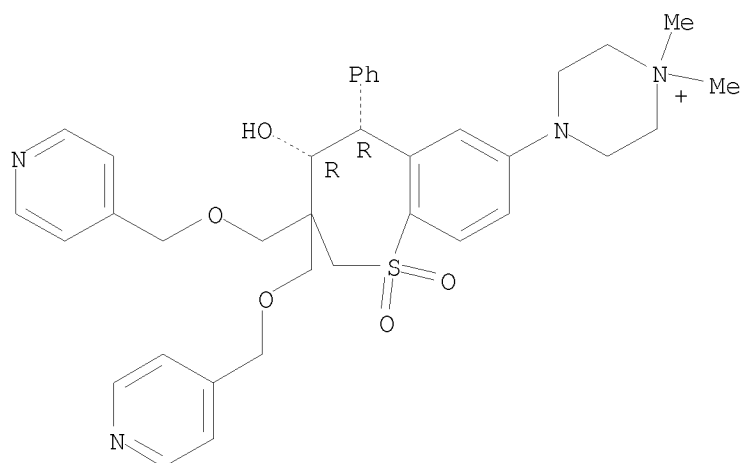
● I⁻

RN 1068441-11-1 CAPLUS

CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

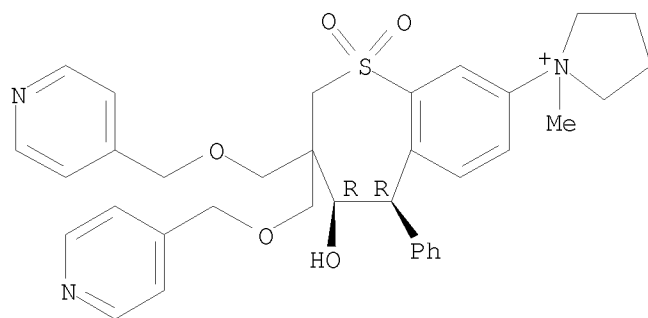
10/590,458



RN 1068441-13-3 CAPLUS

CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

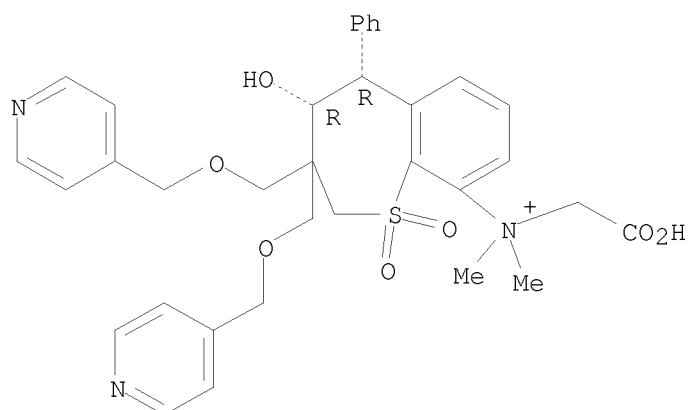


RN 1068441-14-4 CAPLUS

CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

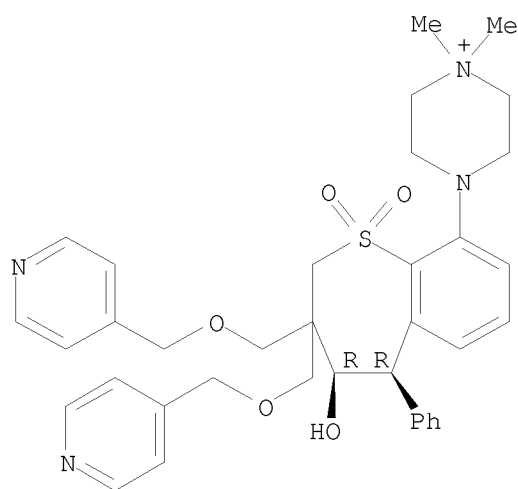
Relative stereochemistry.

10/590,458



RN 1068441-15-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

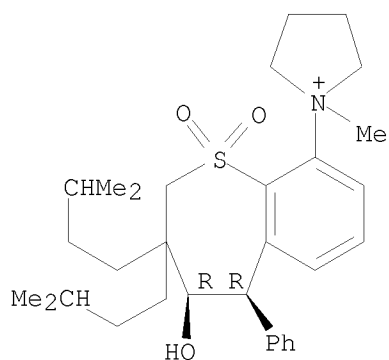
Relative stereochemistry.



RN 1068441-18-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

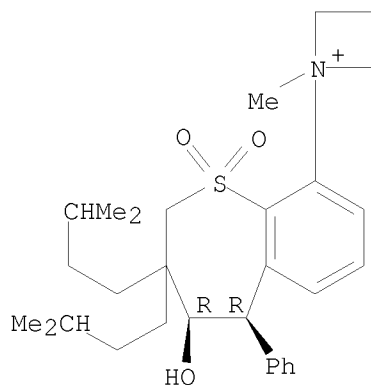
10/590,458



● I⁻

RN 1068441-24-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

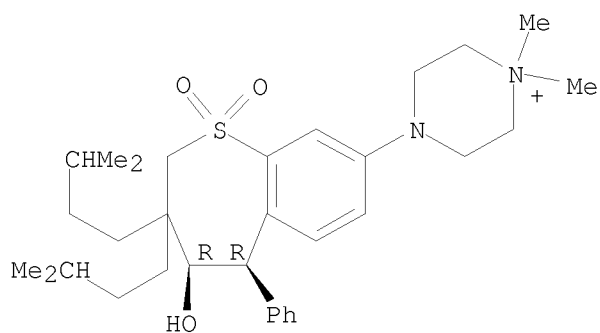


● I⁻

RN 1068441-33-7 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

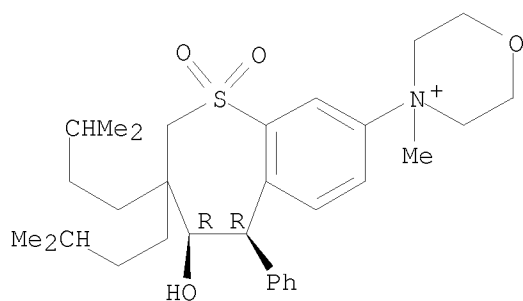
Relative stereochemistry.

10/590,458



RN 1068441-46-2 CAPLUS
CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

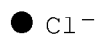
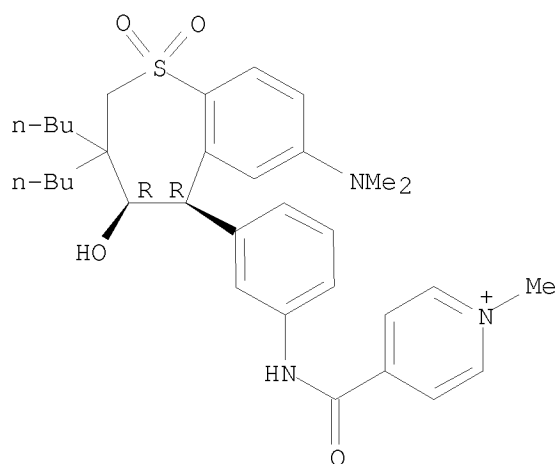
Relative stereochemistry.



RN 1068441-57-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

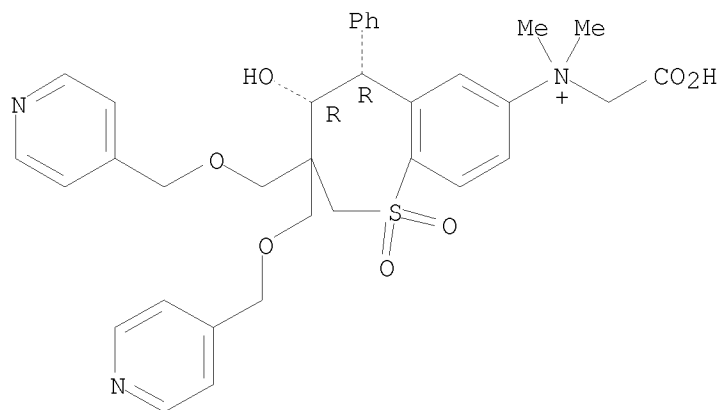
Relative stereochemistry.

10/590,458



RN 1068441-62-2 CAPLUS
CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-
N,N-dimethyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide
iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

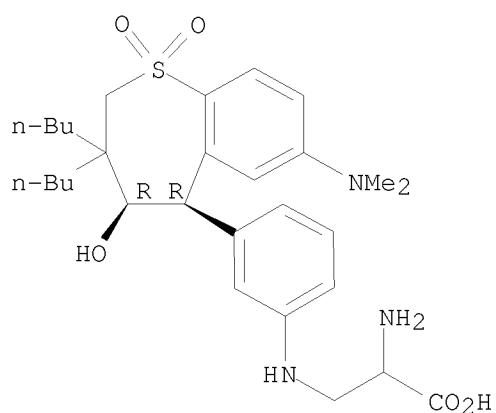
Relative stereochemistry.



RN 1068443-35-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

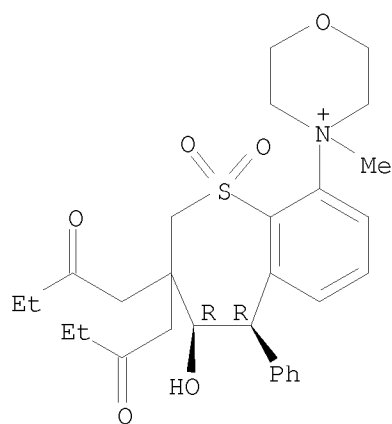
Relative stereochemistry.

10/590,458



RN 1068444-23-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

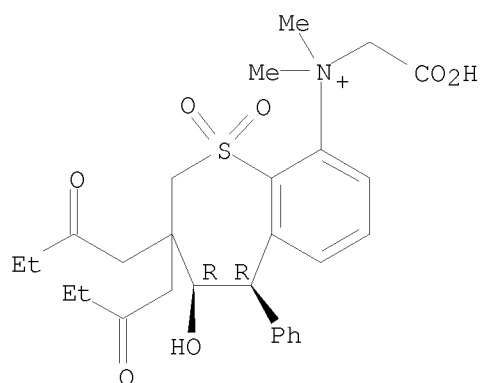


● I⁻

RN 1068444-42-7 CAPLUS
CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-
N,N-dimethyl-3,3-bis(2-oxobutyl)-5-phenyl-, 1,1-dioxide iodide (1:1),
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

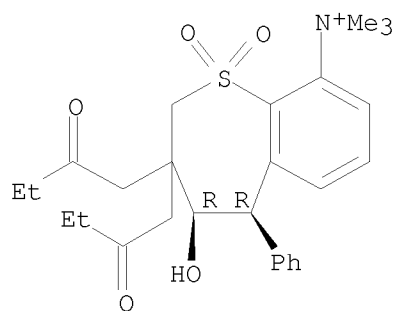
10/590,458



● I⁻

RN 1068444-70-1 CAPLUS
CN 1-Benzothiepin-9-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(2-oxobutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

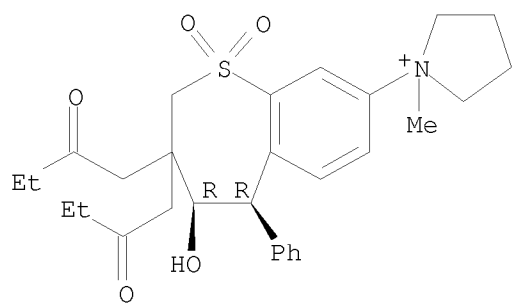


● I⁻

RN 1068445-30-6 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

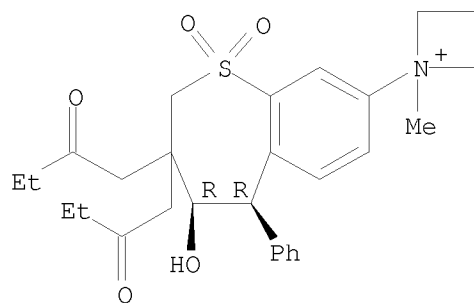
Relative stereochemistry.

10/590,458



RN 1068445-51-1 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

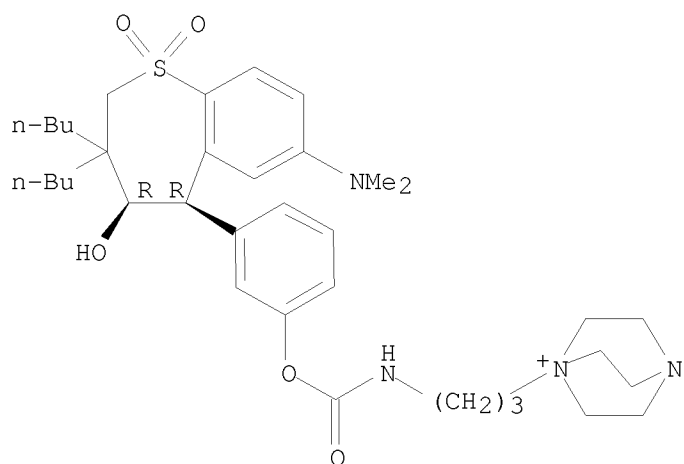
Relative stereochemistry.



RN 1068445-89-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

10/590,458

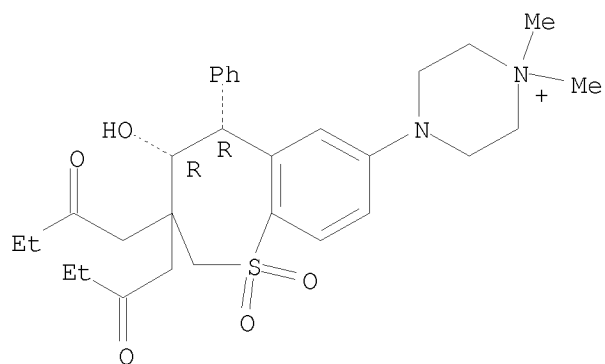


● Cl⁻

RN 1068446-03-6 CAPLUS

CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



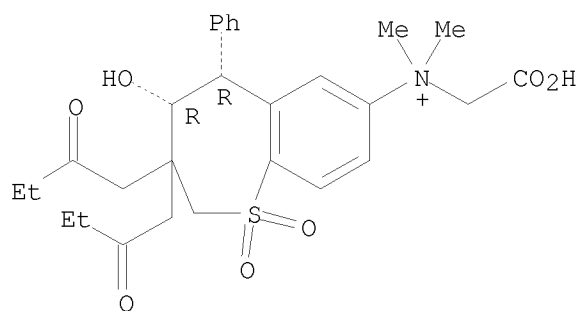
● I⁻

RN 1068446-25-2 CAPLUS

CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(2-oxobutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

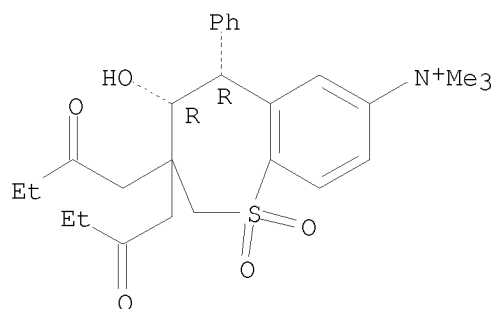
Relative stereochemistry.

10/590,458



RN 1068446-30-9 CAPLUS
CN 1-Benzothiepin-7-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(2-oxobutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

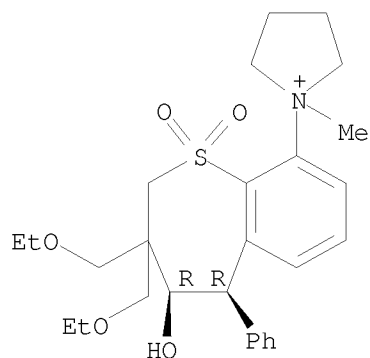
Relative stereochemistry.



RN 1068446-48-9 CAPLUS
CN Pyrrolidinium, 1-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

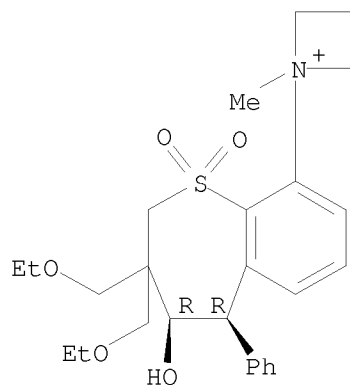
10/590,458



RN 1068446-69-4 CAPLUS

CN Azetidinium, 1-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

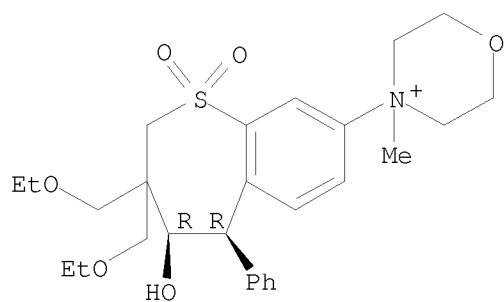


RN 1068449-21-7 CAPLUS

CN Morpholinium, 4-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

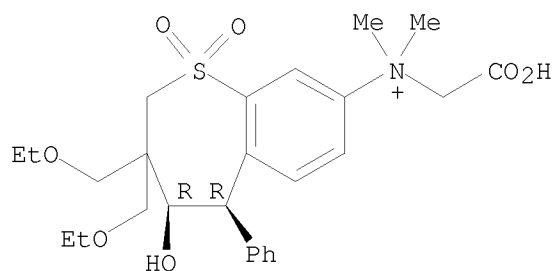
10/590,458



RN 1068449-40-0 CAPLUS

CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

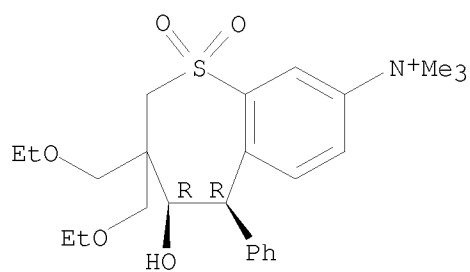


RN 1068449-49-9 CAPLUS

CN 1-Benzothiepin-8-aminium, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

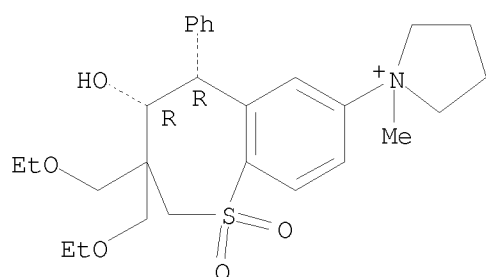
10/590,458



RN 1068449-58-0 CAPLUS

CN Pyrrolidinium, 1-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

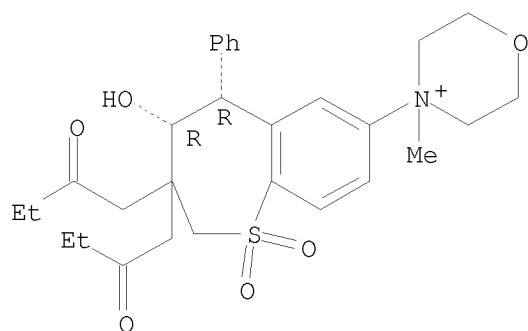


RN 1068451-01-3 CAPLUS

CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

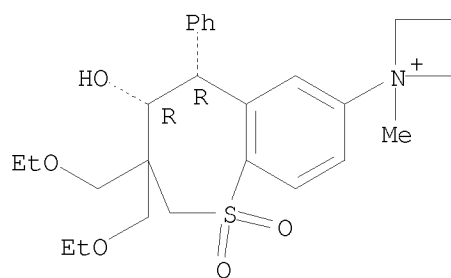
10/590,458



RN 1068451-80-8 CAPLUS

CN Azetidinium, 1-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

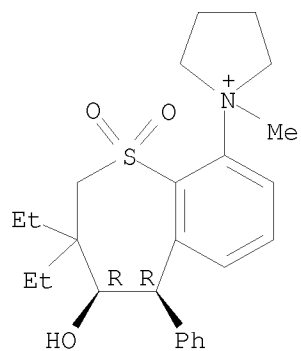


RN 1068451-89-7 CAPLUS

CN Pyrrolidinium, 1-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

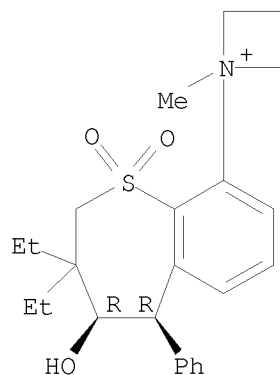
Relative stereochemistry.

10/590,458



RN 1068452-18-5 CAPLUS
CN Azetidinium, 1-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

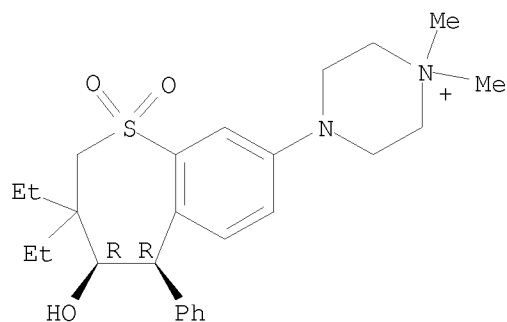
Relative stereochemistry.



RN 1068452-26-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

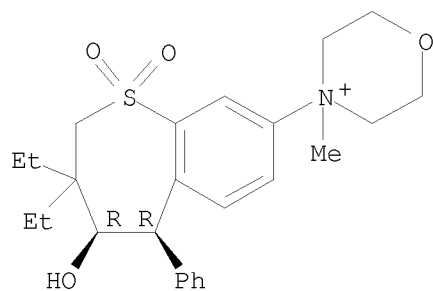
Relative stereochemistry.

10/590,458



RN 1068452-32-3 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

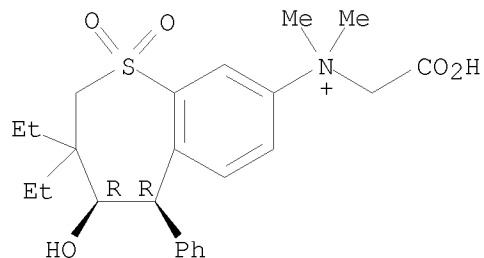
Relative stereochemistry.



RN 1068452-37-8 CAPLUS
CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

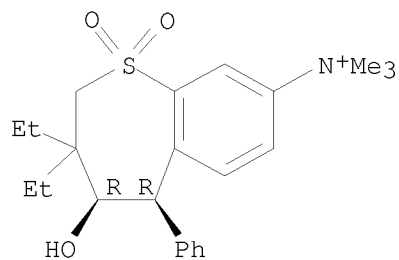
Relative stereochemistry.

10/590,458



RN 1068452-42-5 CAPLUS
CN 1-Benzothiepin-8-aminium, 3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

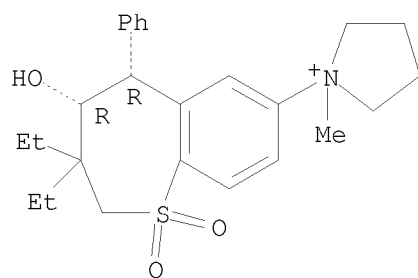
Relative stereochemistry.



RN 1068452-52-7 CAPLUS
CN Pyrrolidinium, 1-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

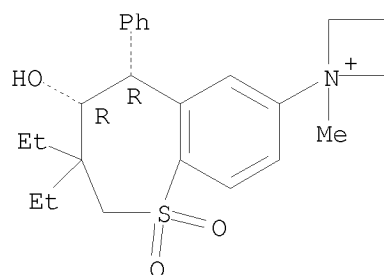
10/590,458



RN 1068452-62-9 CAPLUS

CN Azetidinium, 1-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

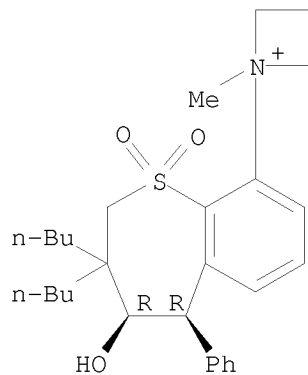


RN 1068452-97-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

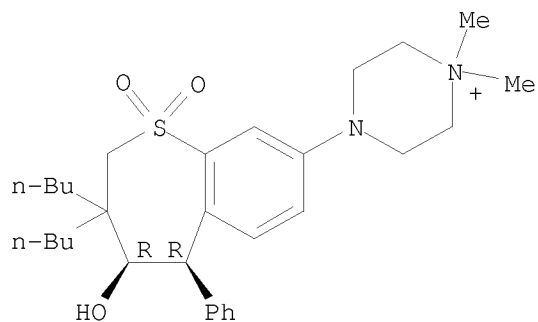
Relative stereochemistry.

10/590,458



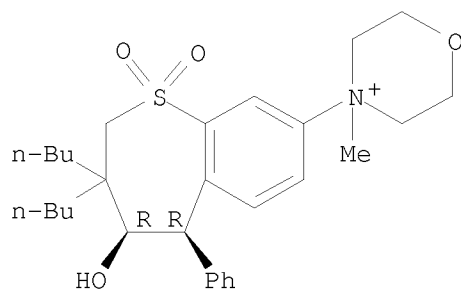
RN 1068453-35-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



RN 1068453-56-4 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



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IT	1068453-77-9	1068454-03-4	1068454-23-8
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	1068461-65-3	1068461-84-6	1068461-85-7
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	1068471-40-8	1068471-54-4	1068471-61-3
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1068473-47-1	1068473-56-2	1068473-66-4
1068473-75-5	1068473-76-6	1068473-91-5
1068473-95-9	1068474-06-5	1068474-17-8
1068474-20-3	1068474-38-3	1068474-40-7
1068474-52-1	1068474-58-7	1068474-71-4
1068474-76-9	1068474-85-0	1068474-98-5
1068475-01-3	1068475-11-5	1068475-13-7
1068475-19-3	1068479-93-5	1068480-58-9
1068480-92-1	1068481-21-9	1068481-41-3
1068481-67-3	1068481-95-7	1068482-27-8
1068482-58-5	1068483-41-9	1068483-72-6
1068484-41-2	1068484-71-8	1068484-76-3
1068484-80-9	1068485-07-3	1068485-38-0
1068485-65-3	1068485-92-6	1068486-11-2
1068486-34-9	1068495-81-7	1068495-83-9
1068503-31-0	1068541-19-4	1069134-21-9

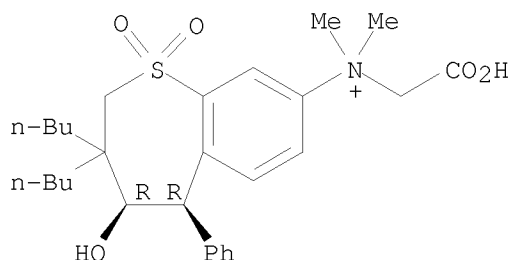
RL: PRPH (Prophetic)

(Mono- and di-fluorinated benzothiepinines as inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions and methods for preparation)

RN 1068453-77-9 CAPLUS

CN 1-Benzothiepin-8-aminium, 3,3-dibutyl-N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

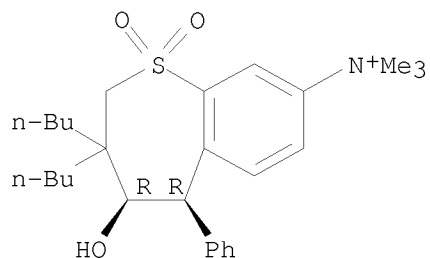


RN 1068454-03-4 CAPLUS

CN 1-Benzothiepin-8-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

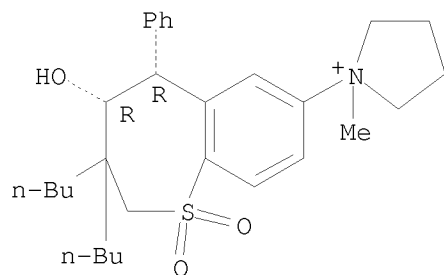
10/590,458



RN 1068454-23-8 CAPLUS

CN Pyrrolidinium, 1-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

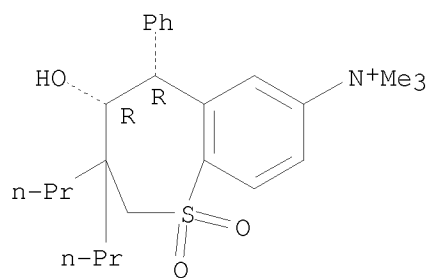


RN 1068454-34-1 CAPLUS

CN 1-Benzothiepin-7-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

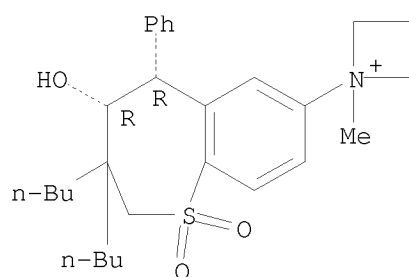
10/590,458



RN 1068454-37-4 CAPLUS

CN Azetidinium, 1-[(4R, 5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

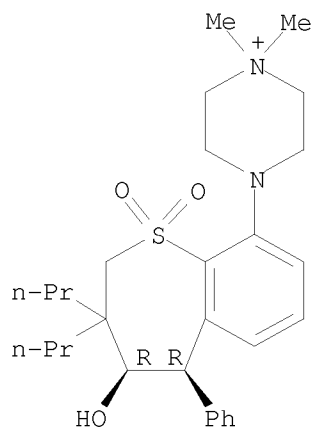


RN 1068454-47-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

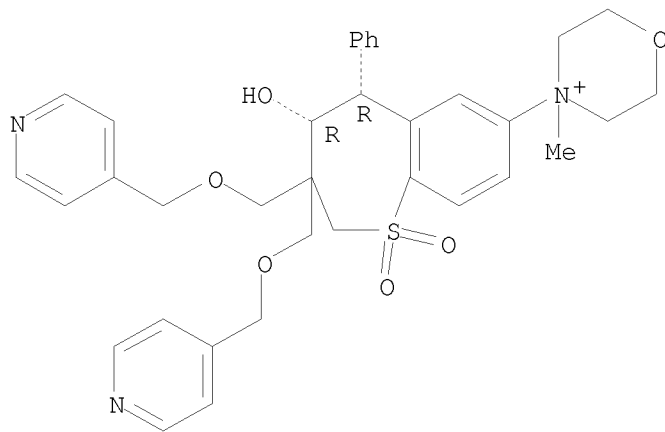
10/590,458



RN 1068454-62-5 CAPLUS

CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

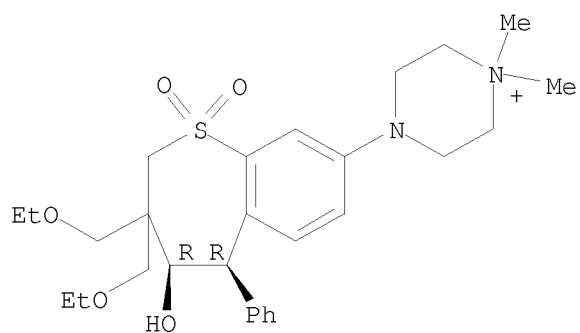


RN 1068455-44-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

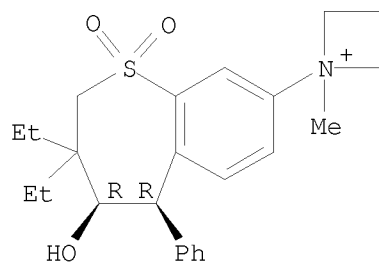
Relative stereochemistry.

10/590,458



RN 1068455-61-7 CAPLUS
CN Azetidinium, 1-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

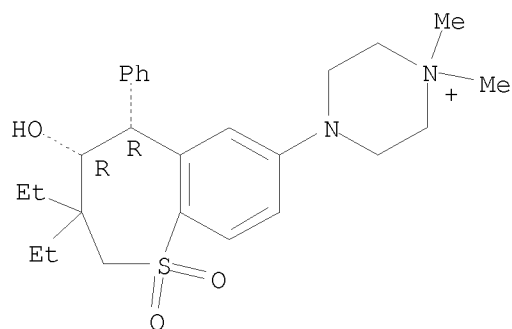
Relative stereochemistry.



RN 1068456-92-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

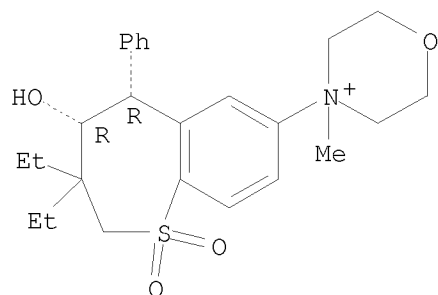
Relative stereochemistry.

10/590,458



RN 1068457-03-3 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

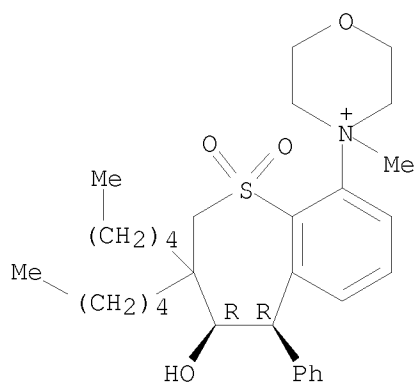
Relative stereochemistry.



RN 1068458-06-9 CAPLUS
CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

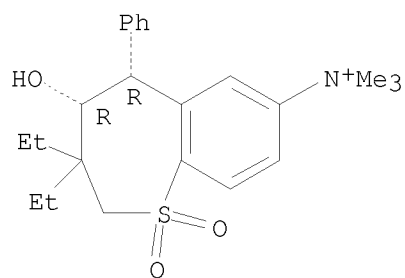


● I⁻

RN 1068458-16-1 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



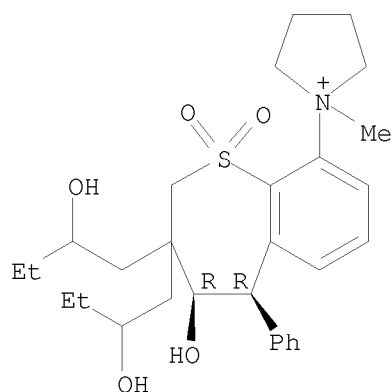
● I⁻

RN 1068459-26-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

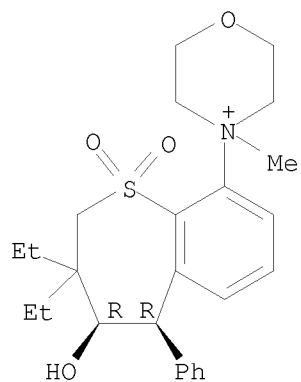
10/590,458



● I⁻

RN 1068459-96-0 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

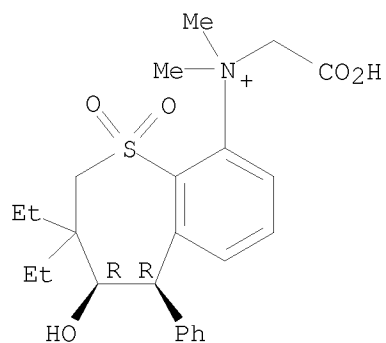


● I⁻

RN 1068460-47-8 CAPLUS
CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

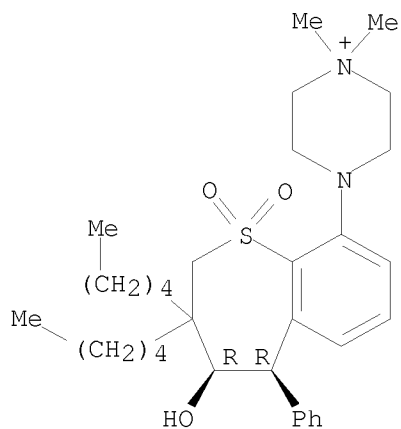
Relative stereochemistry.

10/590,458



RN 1068460-75-2 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]-, iodide (1:1), rel- (CA INDEX NAME)

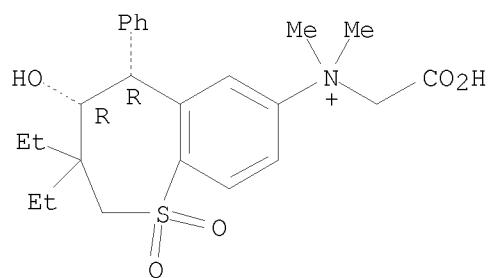
Relative stereochemistry.



RN 1068461-00-6 CAPLUS
CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

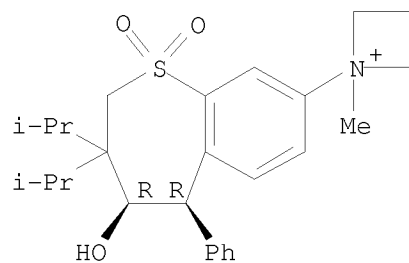
10/590,458



RN 1068461-15-3 CAPLUS

CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

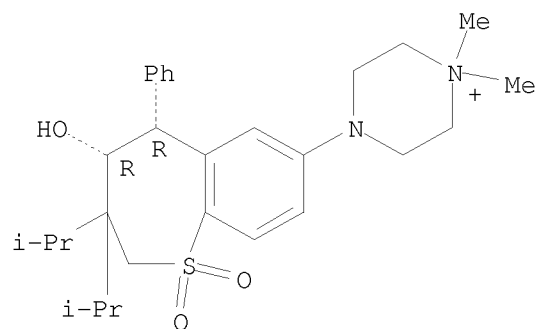
Relative stereochemistry.



RN 1068461-27-7 CAPLUS

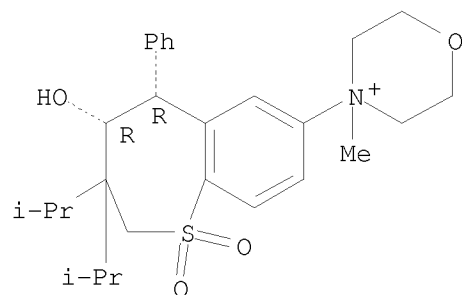
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 1068461-50-6 CAPLUS
 CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1),
 rel- (CA INDEX NAME)

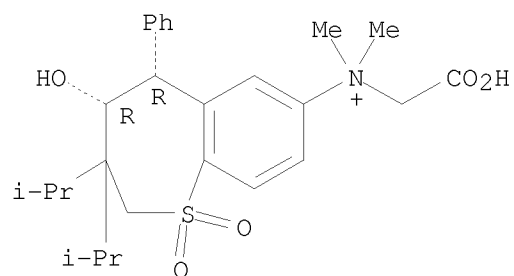
Relative stereochemistry.



RN 1068461-65-3 CAPLUS
 CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide iodide (1:1),
 (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

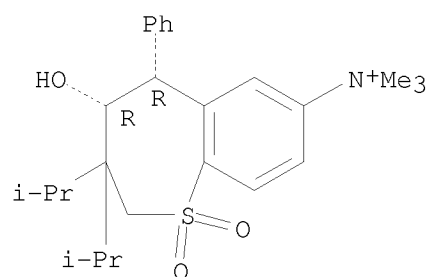
10/590,458



RN 1068461-84-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

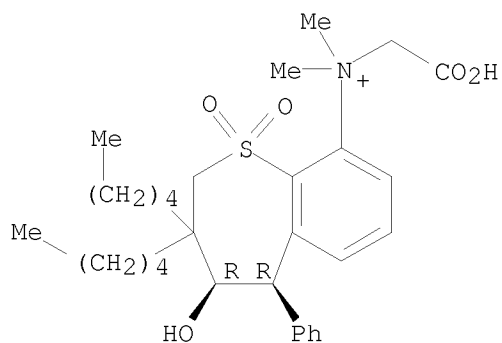


RN 1068461-85-7 CAPLUS

CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

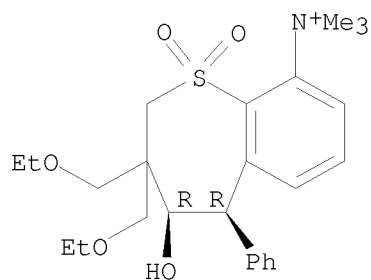
Relative stereochemistry.

10/590,458



RN 1068461-87-9 CAPLUS
CN 1-Benzothiepin-9-aminium, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

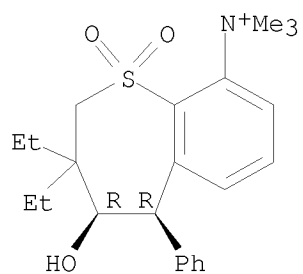
Relative stereochemistry.



RN 1068461-91-5 CAPLUS
CN 1-Benzothiepin-9-aminium, 3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

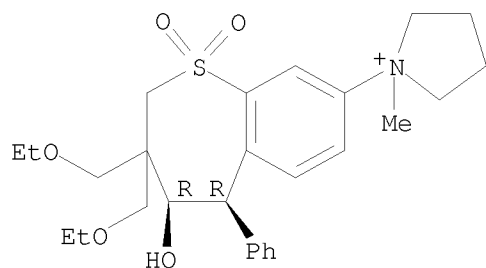
10/590,458



RN 1068462-10-1 CAPLUS

CN Pyrrolidinium, 1-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

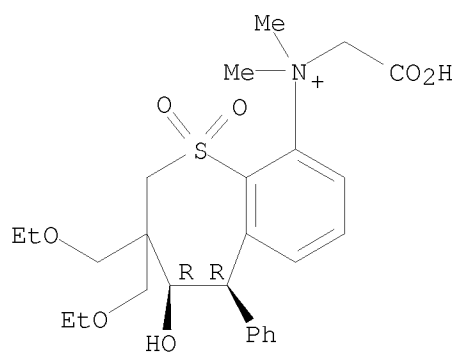


RN 1068462-20-3 CAPLUS

CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

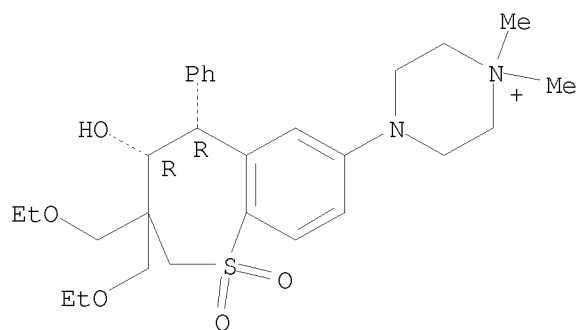
Relative stereochemistry.

10/590,458



RN 1068462-35-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

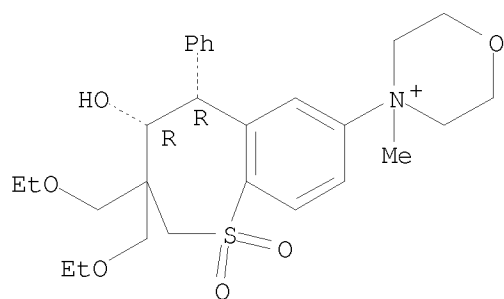
Relative stereochemistry.



RN 1068462-37-2 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-4-methyl-, iodide (1:1),
rel- (CA INDEX NAME)

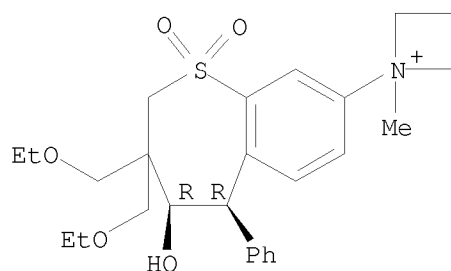
Relative stereochemistry.

10/590,458



RN 1068462-70-3 CAPLUS
CN Azetidinium, 1-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

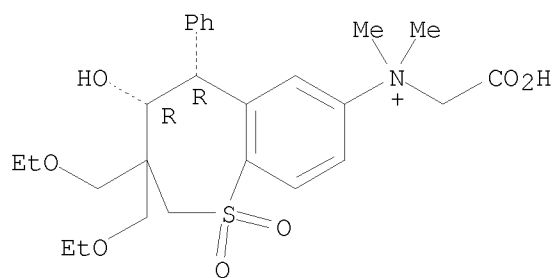
Relative stereochemistry.



RN 1068462-93-0 CAPLUS
CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

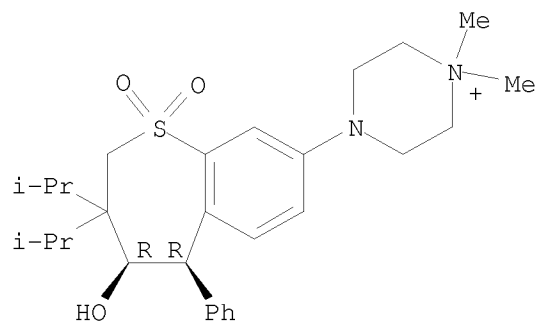
Relative stereochemistry.

10/590,458



RN 1068463-07-9 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

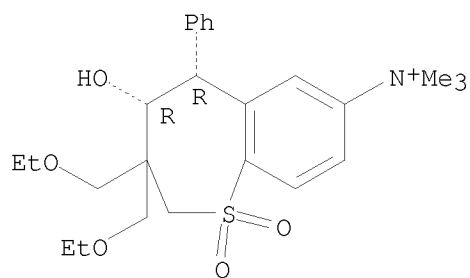
Relative stereochemistry.



RN 1068463-13-7 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

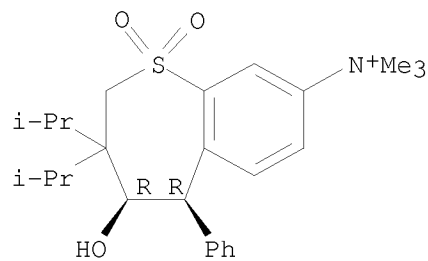
10/590,458



RN 1068463-23-9 CAPLUS

CN 1-Benzothiepin-8-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

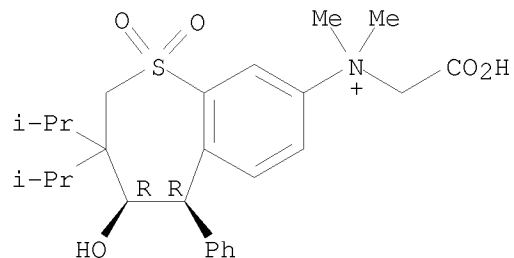


RN 1068463-37-5 CAPLUS

CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

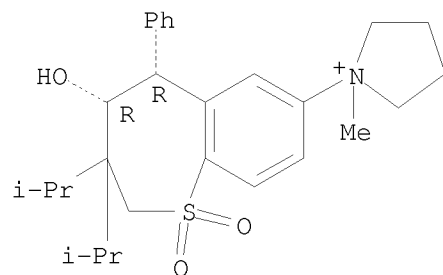
10/590,458



RN 1068463-38-6 CAPLUS

CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.

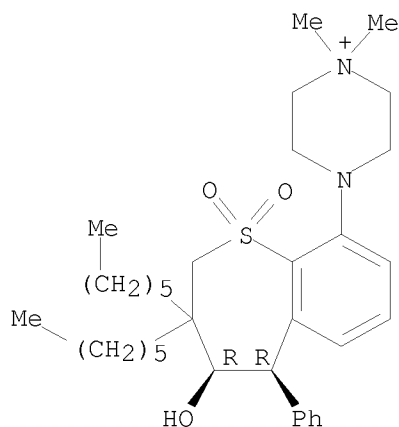


RN 1068463-57-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

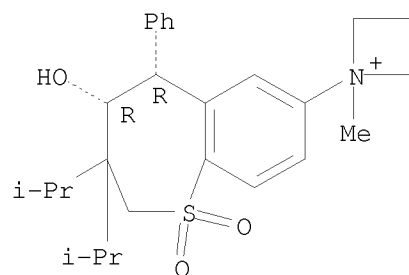
10/590,458



● I⁻

RN 1068463-92-2 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

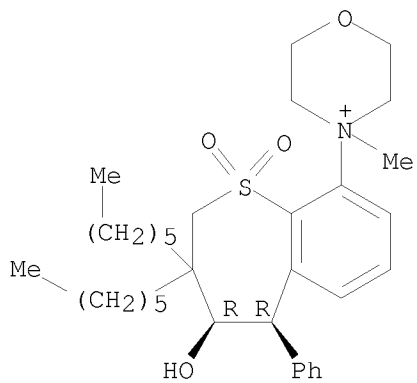


● I⁻

RN 1068464-01-6 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-diisopropyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

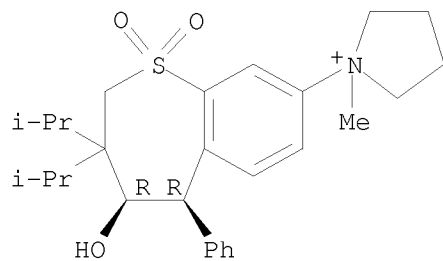


● I -

RN 1068464-11-8 CAPLUS

CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.



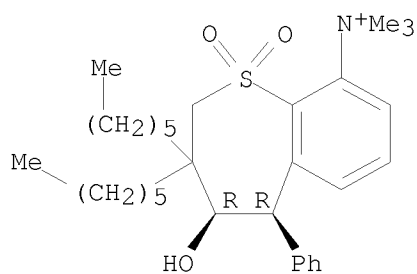
● I -

RN 1068464-29-8 CAPLUS

CN 1-Benzothiepin-9-aminium, 3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

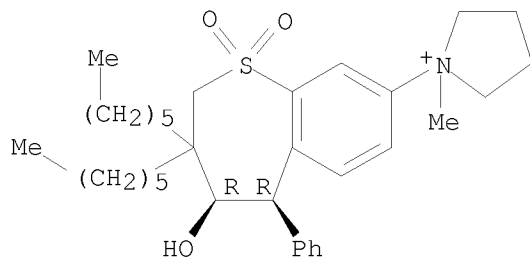
10/590,458



RN 1068464-44-7 CAPLUS

CN Pyrrolidinium, 1-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

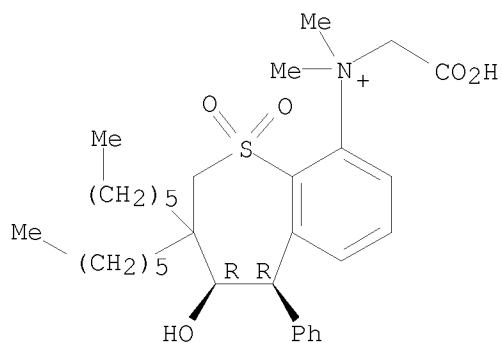


RN 1068464-51-6 CAPLUS

CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-3,3-di(5-methylhexyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

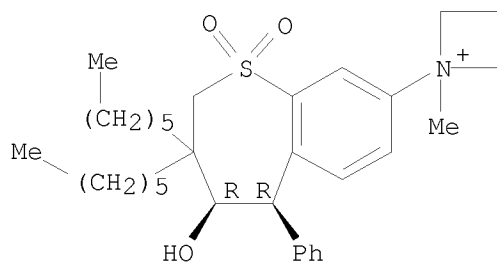
Relative stereochemistry.

10/590,458



RN 1068464-58-3 CAPLUS
CN Azetidinium, 1-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

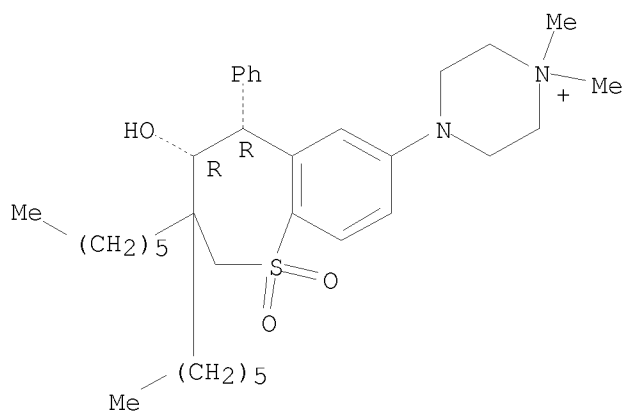
Relative stereochemistry.



RN 1068464-81-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

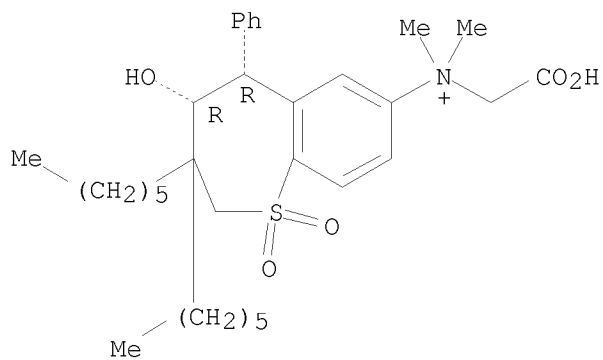
Relative stereochemistry.

10/590,458



RN 1068464-97-0 CAPLUS
CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

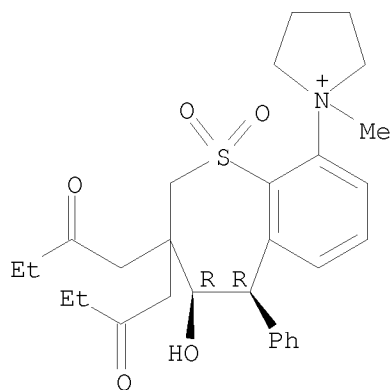
Relative stereochemistry.



RN 1068465-17-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

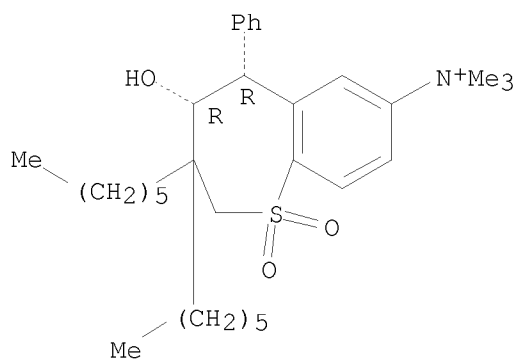
10/590,458



● I⁻

RN 1068465-22-4 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

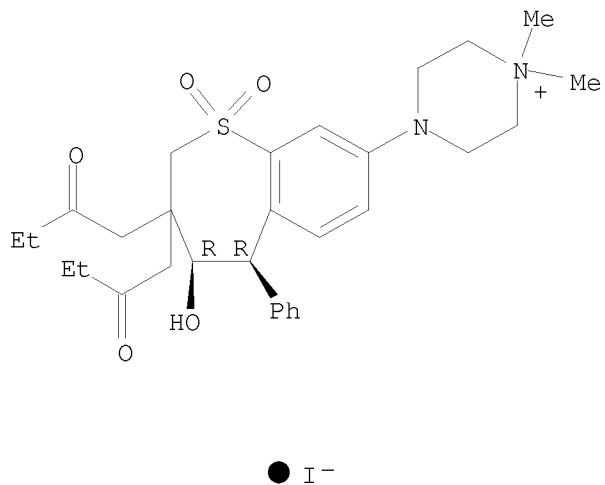


● I⁻

RN 1068465-36-0 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

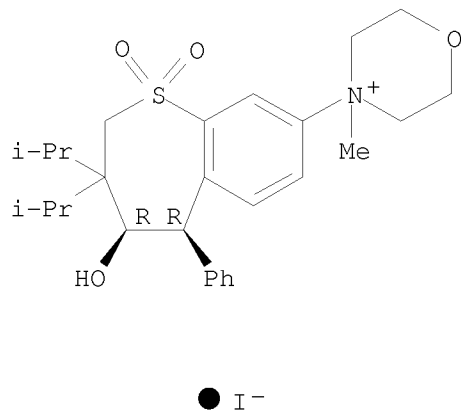
Relative stereochemistry.

10/590,458



RN	1068465-54-2	CAPLUS
CN	Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(1-methylethyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)	

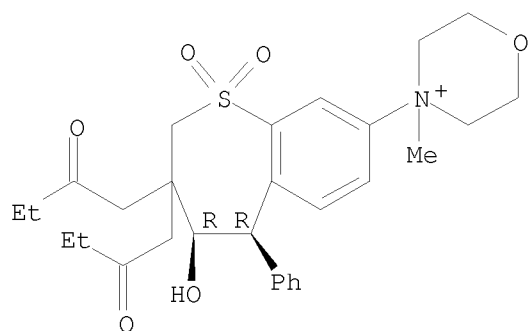
Relative stereochemistry.



RN	1068465-57-5	CAPLUS
CN	Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)	

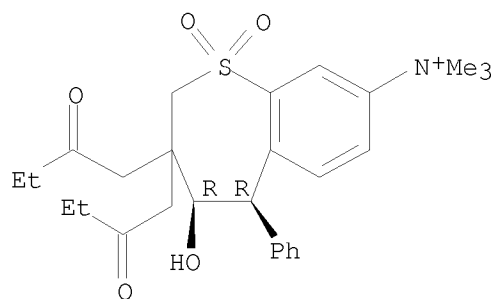
Relative stereochemistry.

10/590,458



RN 1068465-75-7 CAPLUS
CN 1-Benzothiepin-8-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(2-oxobutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

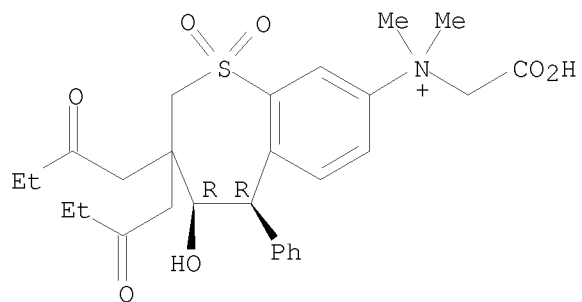
Relative stereochemistry.



RN 1068465-99-5 CAPLUS
CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(2-oxobutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

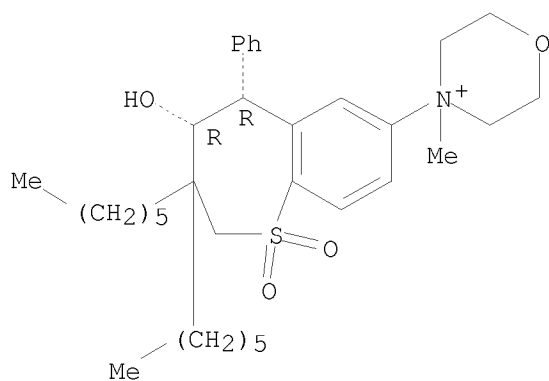
Relative stereochemistry.

10/590,458



RN 1068466-10-3 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

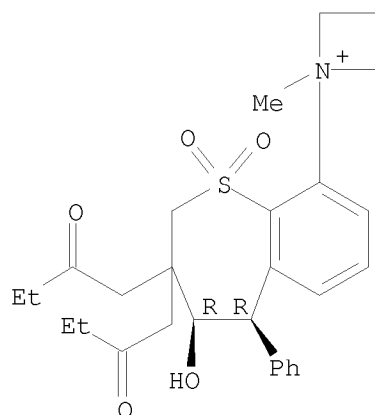
Relative stereochemistry.



RN 1068466-18-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

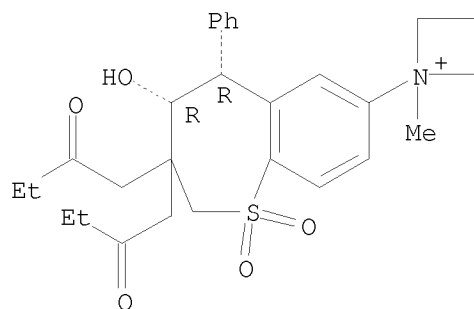
10/590,458



● I⁻

RN 1068466-25-0 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-bis(2-oxobutyl)-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

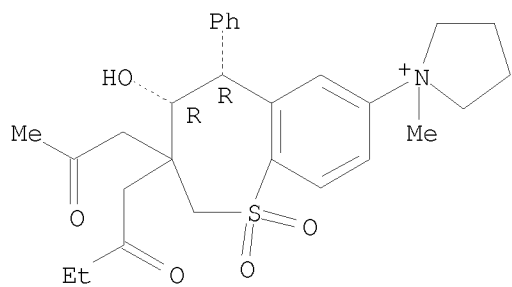


● I⁻

RN 1068466-37-4 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3-(2-oxobutyl)-3-(2-oxopropyl)-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

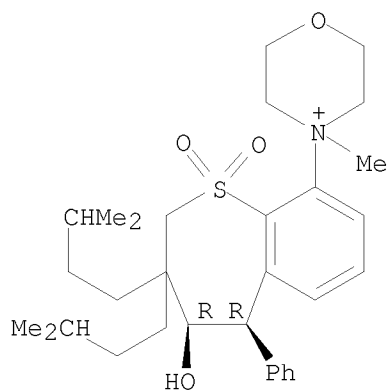
Relative stereochemistry.

10/590,458



RN 1068466-41-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

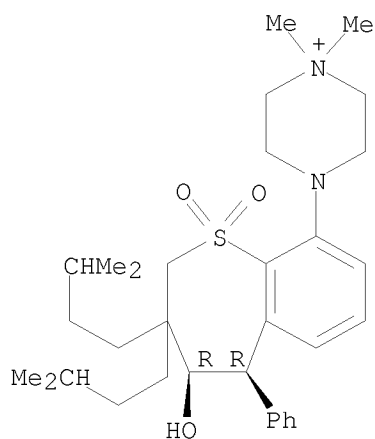
Relative stereochemistry.



RN 1068466-51-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

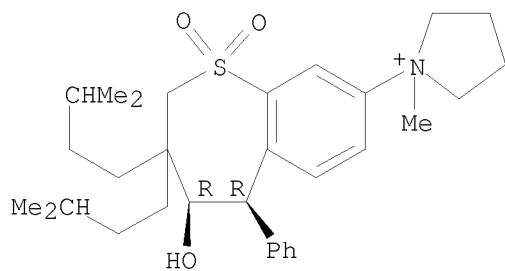
Relative stereochemistry.

10/590,458



RN 1068466-54-5 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

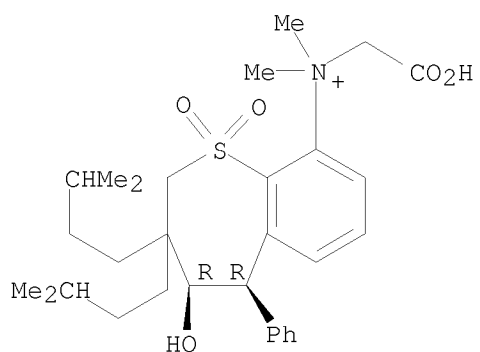
Relative stereochemistry.



RN 1068466-55-6 CAPLUS
CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide iodide (1:1),
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

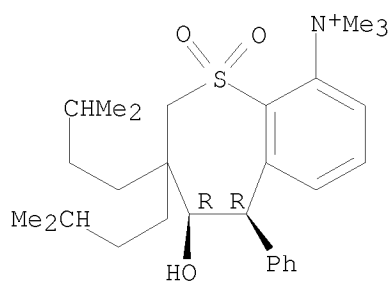
10/590,458



● I⁻

RN 1068466-59-0 CAPLUS
CN 1-Benzothiepin-9-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

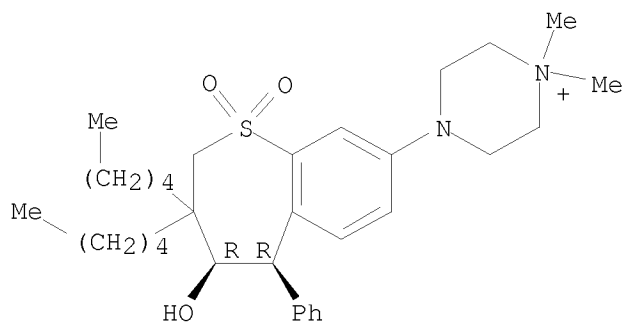


● I⁻

RN 1068466-75-0 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

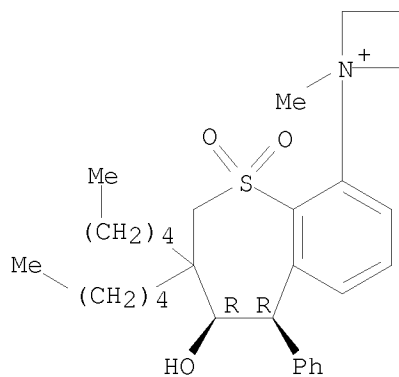
10/590,458



● I⁻

RN 1068466-76-1 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

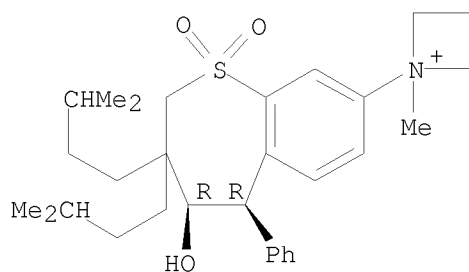


● I⁻

RN 1068466-77-2 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(3-methylbutyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

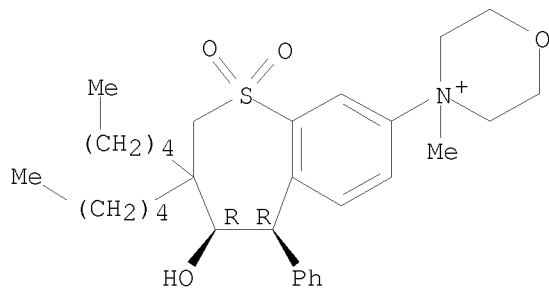
10/590,458



RN 1068466-82-9 CAPLUS

CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

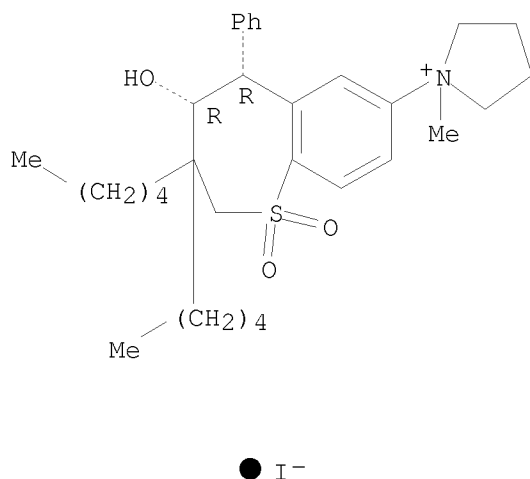


RN 1068466-91-0 CAPLUS

CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

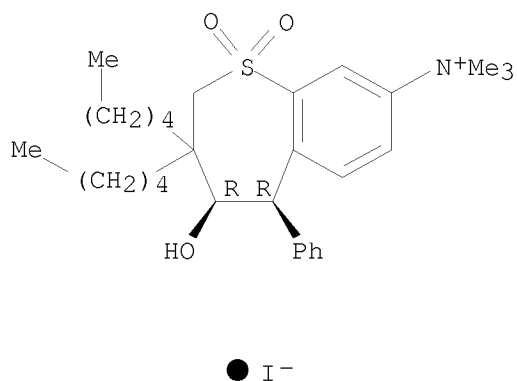
10/590,458



RN 1068466-96-5 CAPLUS

CN 1-Benzothiepin-8-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

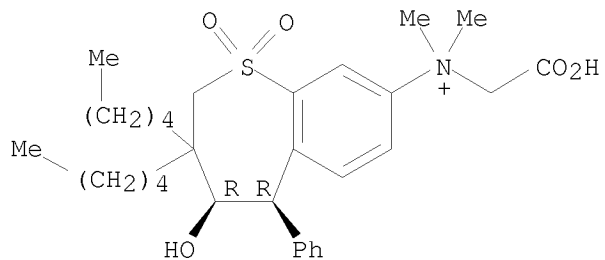


RN 1068467-05-9 CAPLUS

CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

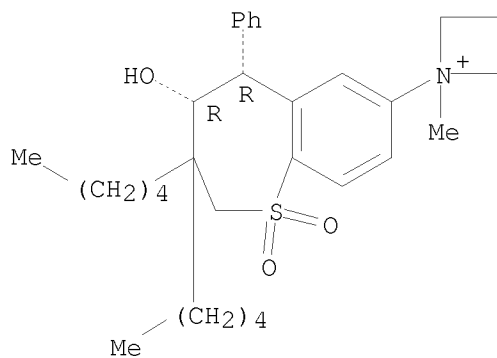
10/590,458



RN 1068467-06-0 CAPLUS

CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

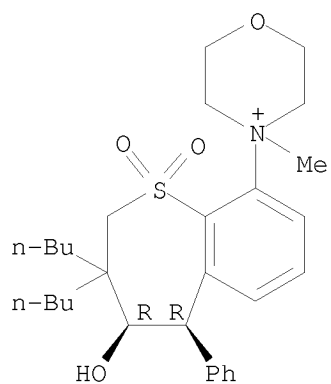


RN 1068467-16-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

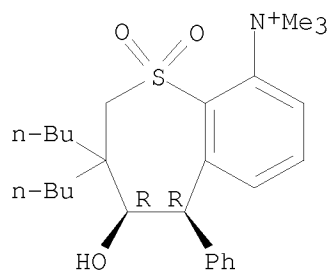
Relative stereochemistry.

10/590,458



RN 1068467-24-2 CAPLUS
CN 1-Benzothiepin-9-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

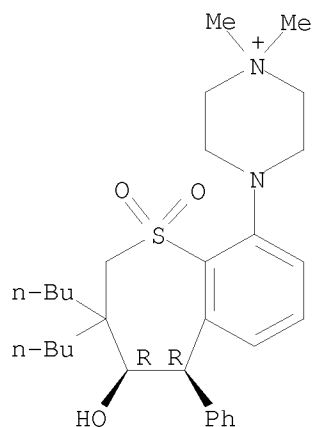
Relative stereochemistry.



RN 1068467-31-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

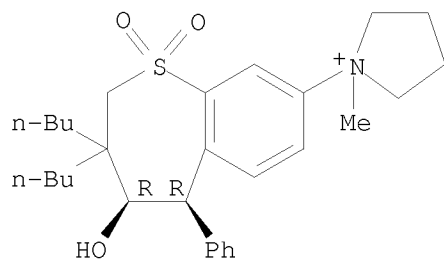
Relative stereochemistry.

10/590,458



RN 1068467-40-2 CAPLUS
CN Pyrrolidinium, 1-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

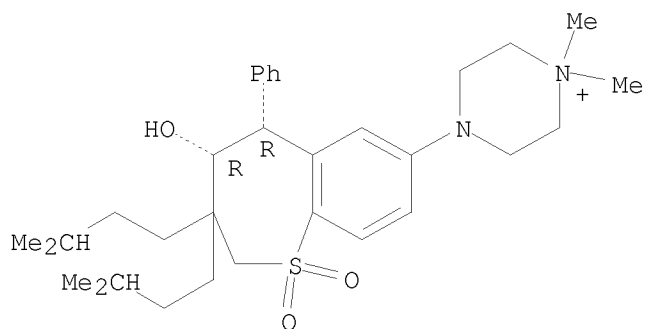
Relative stereochemistry.



RN 1068467-55-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

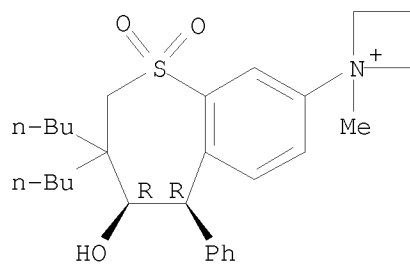
Relative stereochemistry.

10/590,458



RN 1068467-64-0 CAPLUS
CN Azetidinium, 1-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

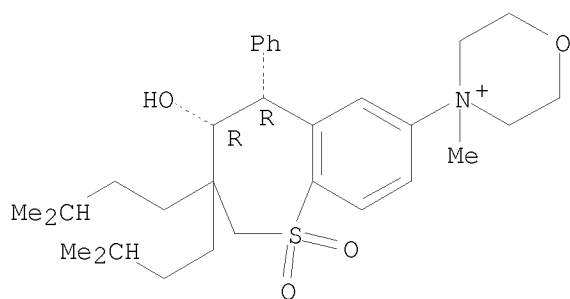
Relative stereochemistry.



RN 1068467-69-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

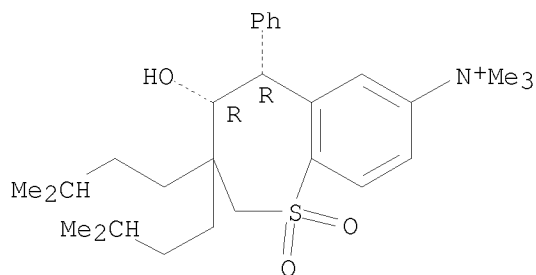
Relative stereochemistry.

10/590,458



RN 1068467-87-7 CAPLUS
CN 1-Benzothiepin-7-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

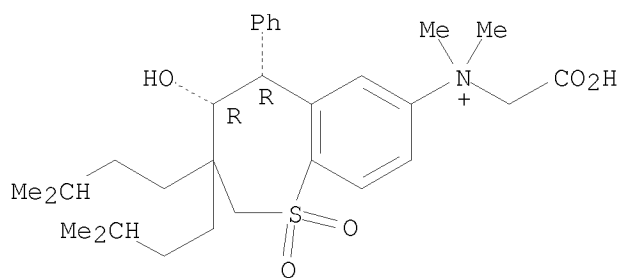
Relative stereochemistry.



RN 1068467-96-8 CAPLUS
CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

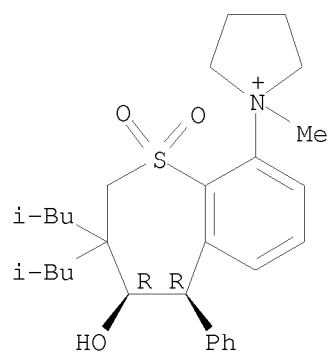
Relative stereochemistry.

10/590,458



RN 1068468-07-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

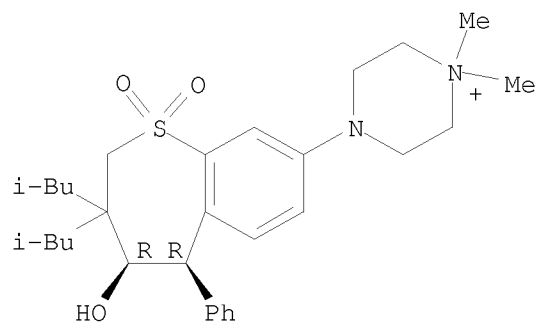
Relative stereochemistry.



RN 1068468-22-3 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

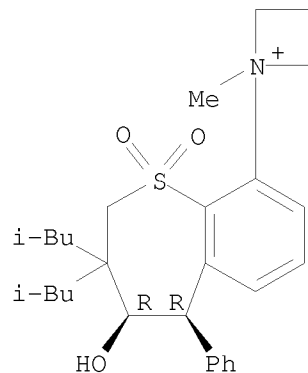
Relative stereochemistry.

10/590,458



RN 1068468-27-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

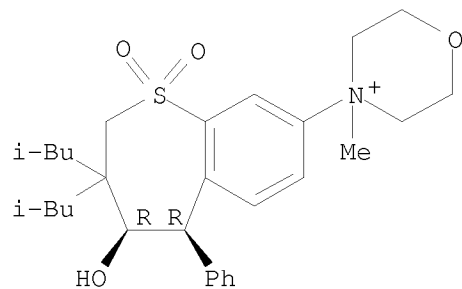
Relative stereochemistry.



RN 1068468-33-6 CAPLUS
CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxo-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.

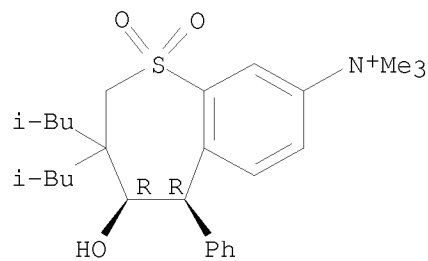
10/590,458



RN 1068468-60-9 CAPLUS

CN 1-Benzothiepin-8-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

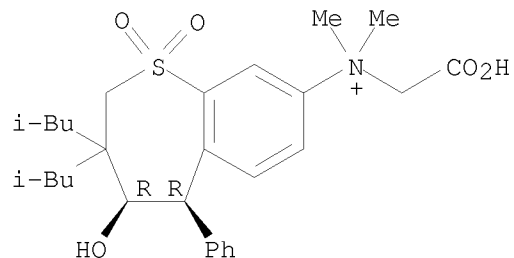


RN 1068468-68-7 CAPLUS

CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

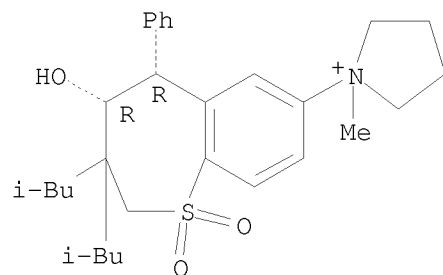
10/590,458



RN 1068468-83-6 CAPLUS

CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.

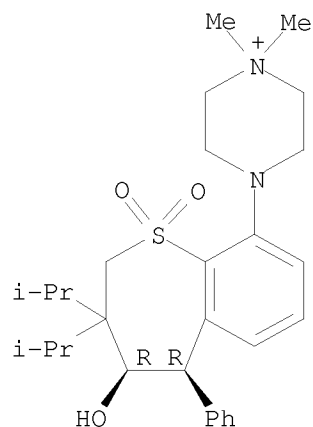


RN 1068469-07-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

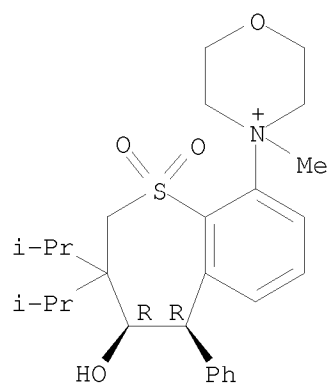
Relative stereochemistry.

10/590,458



RN 1068469-14-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

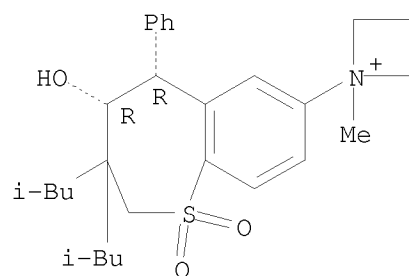
Relative stereochemistry.



RN 1068469-23-7 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

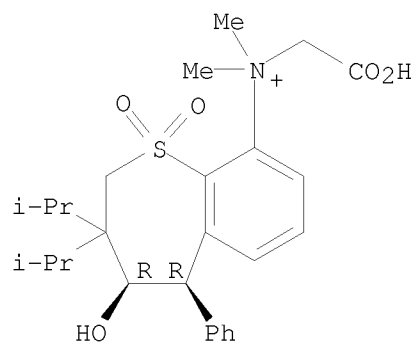
Relative stereochemistry.

10/590,458



RN 1068469-24-8 CAPLUS
CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

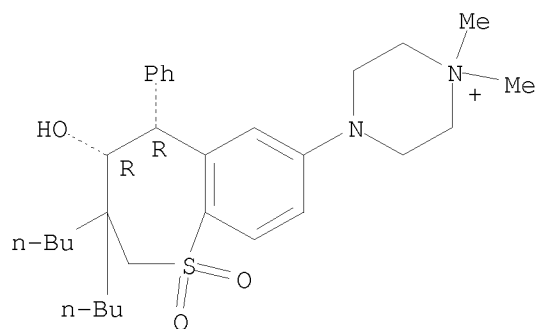
Relative stereochemistry.



RN 1068469-39-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

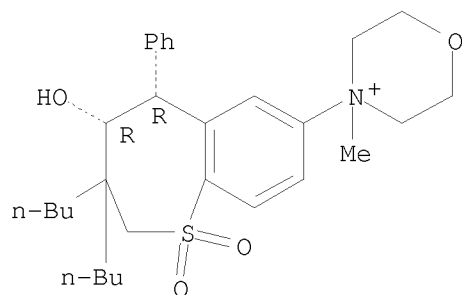
Relative stereochemistry.

10/590,458



RN 1068469-49-7 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

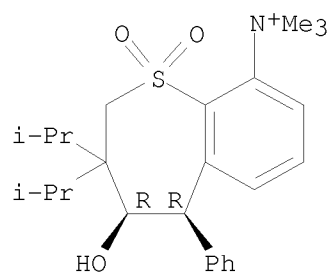
Relative stereochemistry.



RN 1068469-55-5 CAPLUS
CN 1-Benzothiepin-9-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(1-methylethyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

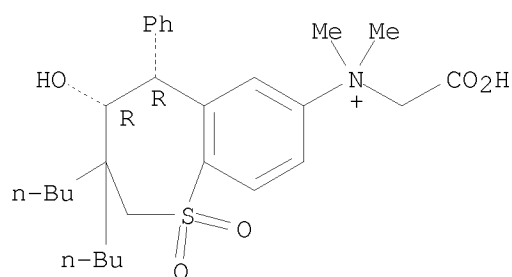
10/590,458



RN 1068469-64-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

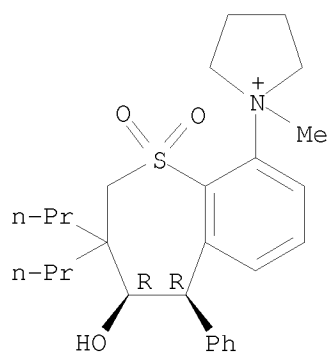


RN 1068469-77-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

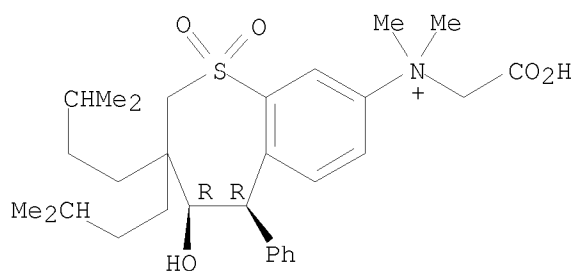
Relative stereochemistry.

10/590,458



RN 1068469-89-5 CAPLUS
CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

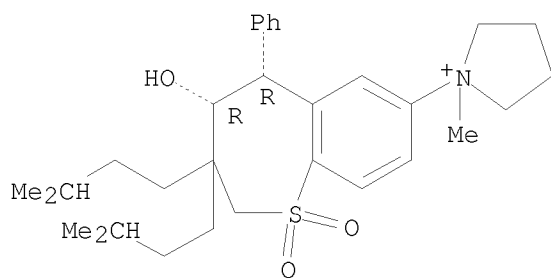
Relative stereochemistry.



RN 1068469-98-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

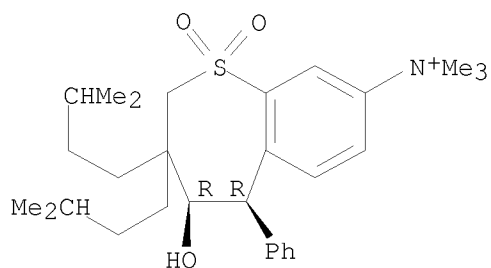
Relative stereochemistry.

10/590,458



RN 1068470-04-1 CAPLUS
CN 1-Benzothiepin-8-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(3-methylbutyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

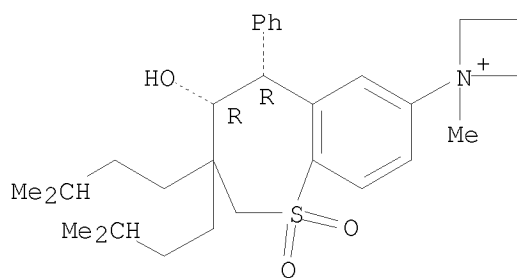
Relative stereochemistry.



RN 1068470-12-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

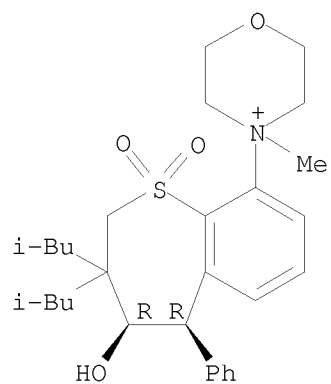
Relative stereochemistry.

10/590,458



RN 1068470-27-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

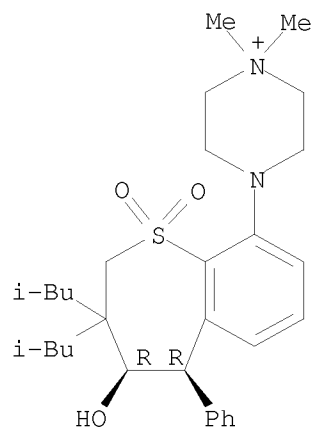
Relative stereochemistry.



RN 1068470-29-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

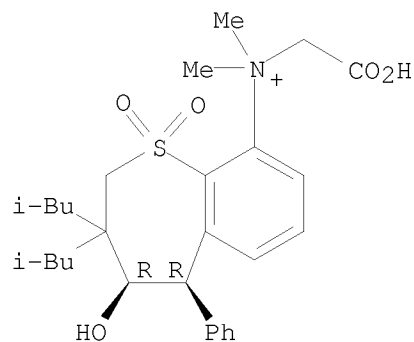
Relative stereochemistry.

10/590,458



RN 1068470-39-2 CAPLUS
CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

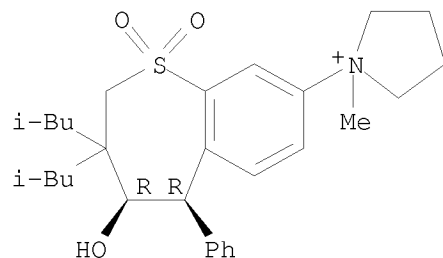
Relative stereochemistry.



RN 1068470-51-8 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

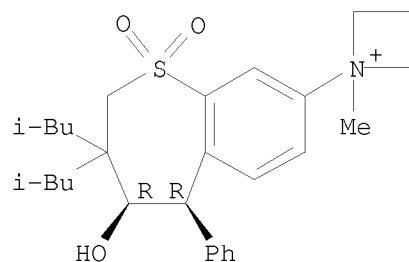
Relative stereochemistry.

10/590,458



RN 1068470-60-9 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

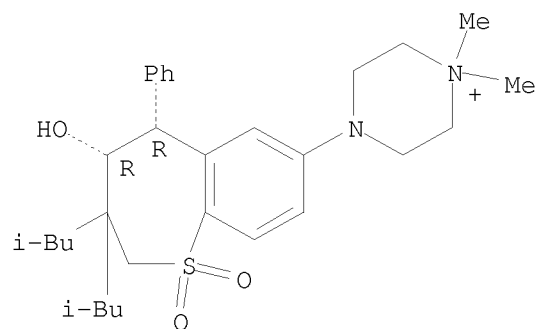
Relative stereochemistry.



RN 1068470-69-8 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide
(1:1), rel- (CA INDEX NAME)

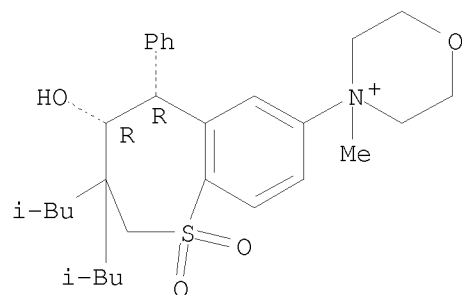
Relative stereochemistry.

10/590,458



RN 1068470-79-0 CAPLUS
CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-3,3-bis(2-methylpropyl)-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1),
rel- (CA INDEX NAME)

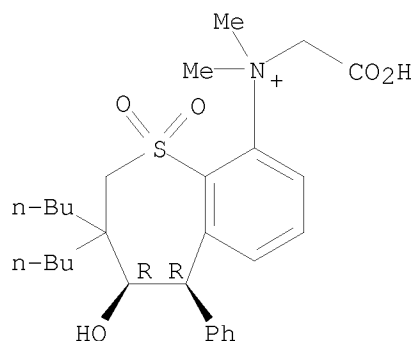
Relative stereochemistry.



RN 1068470-83-6 CAPLUS
CN 1-Benzothiepin-9-aminium, 3,3-dibutyl-N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel-
(CA INDEX NAME)

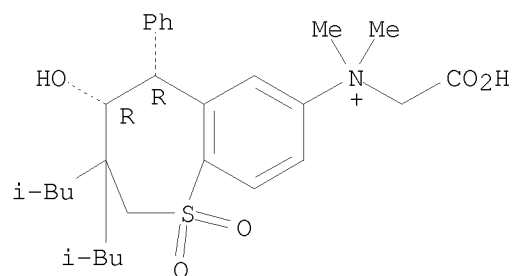
Relative stereochemistry.

10/590,458



RN 1068470-84-7 CAPLUS
CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

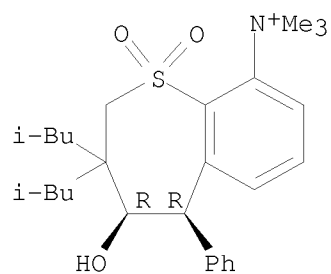
Relative stereochemistry.



RN 1068470-85-8 CAPLUS
CN 1-Benzothiepin-9-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

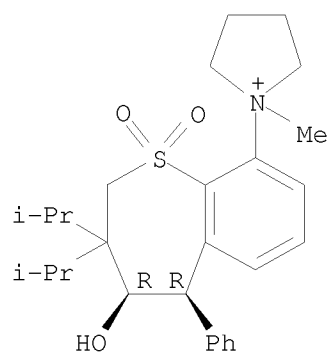
Relative stereochemistry.

10/590,458



RN 1068470-86-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

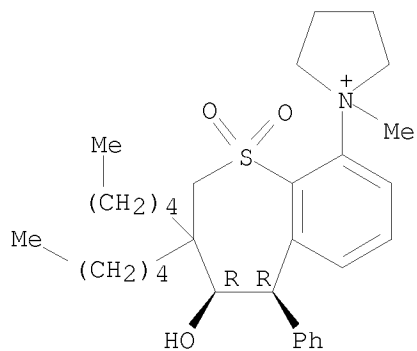
Relative stereochemistry.



RN 1068470-88-1 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-9-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

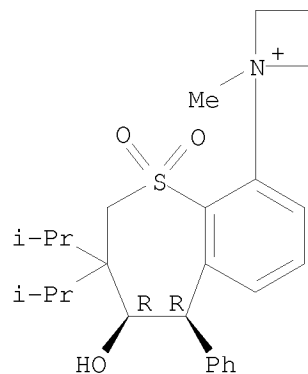
10/590,458



● I⁻

RN 1068471-11-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

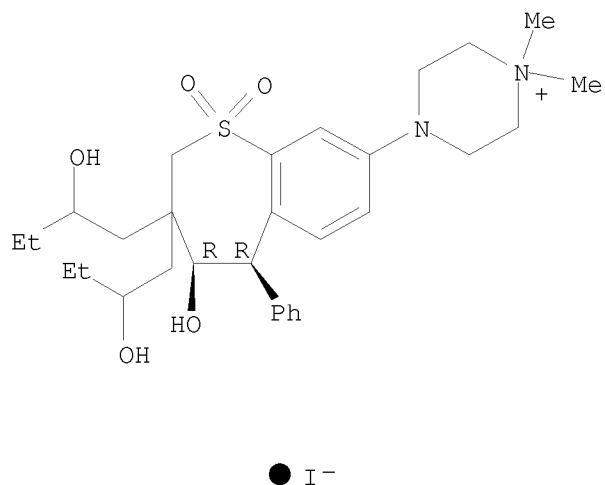


● I⁻

RN 1068471-17-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

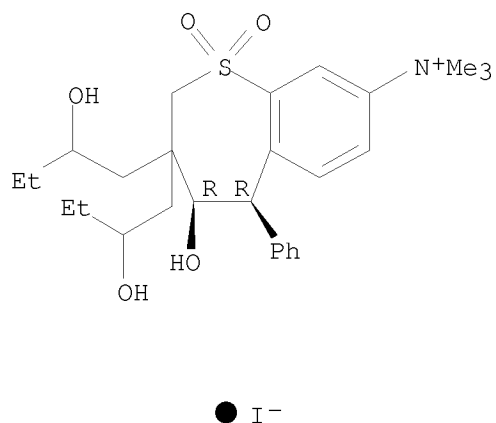
Relative stereochemistry.

10/590,458



RN 1068471-40-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

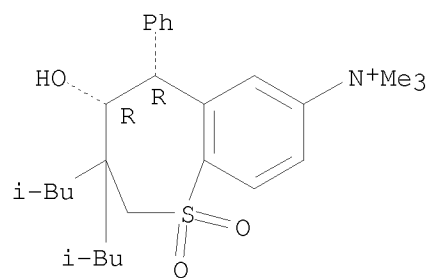
Relative stereochemistry.



RN 1068471-54-4 CAPLUS
CN 1-Benzothiepin-7-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

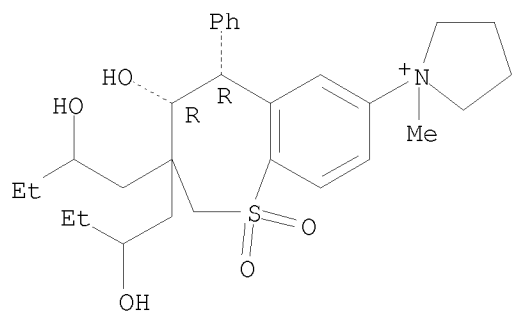
Relative stereochemistry.

10/590,458



RN 1068471-61-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

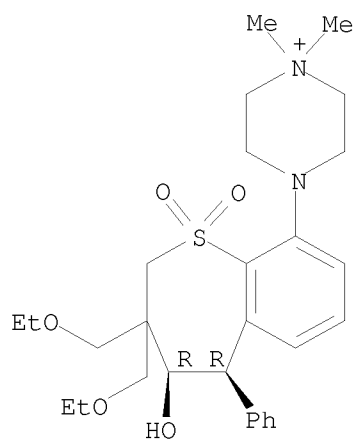
Relative stereochemistry.



RN 1068471-74-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

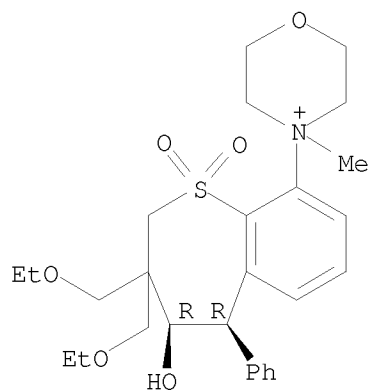
Relative stereochemistry.

10/590,458



RN 1068471-82-8 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-bis(ethoxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

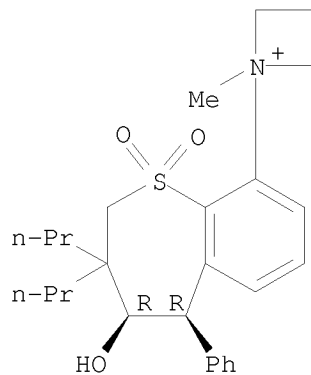
Relative stereochemistry.



RN 1068471-95-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

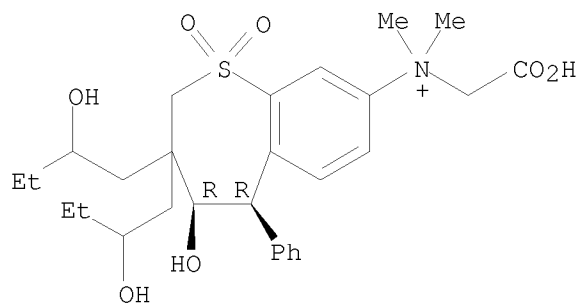
Relative stereochemistry.

10/590,458



RN 1068472-08-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

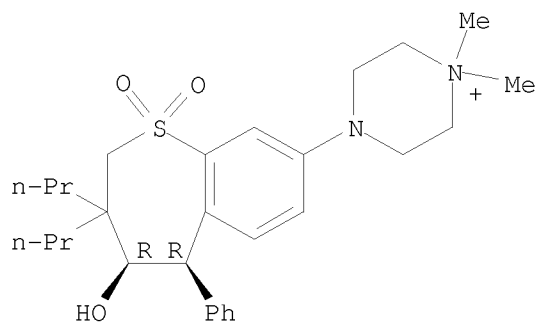
Relative stereochemistry.



RN 1068472-16-1 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]-, iodide (1:1), rel-
(CA INDEX NAME)

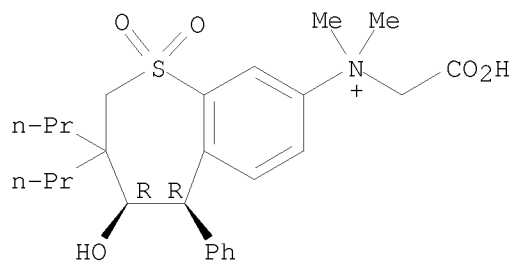
Relative stereochemistry.

10/590,458



RN 1068472-35-4 CAPLUS
CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

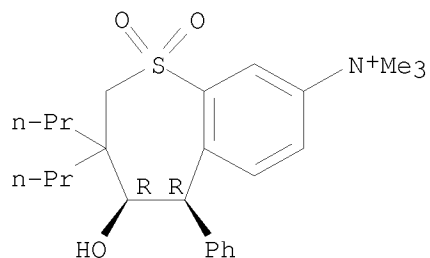
Relative stereochemistry.



RN 1068472-49-0 CAPLUS
CN 1-Benzothiepin-8-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

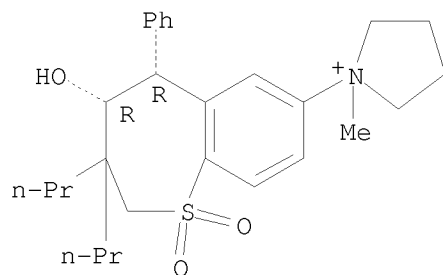
10/590,458



RN 1068472-62-7 CAPLUS

CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

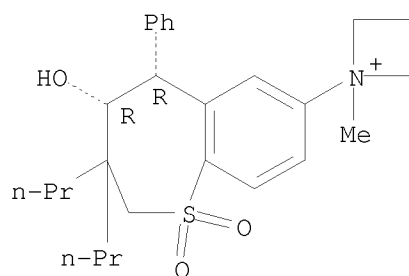


RN 1068472-71-8 CAPLUS

CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

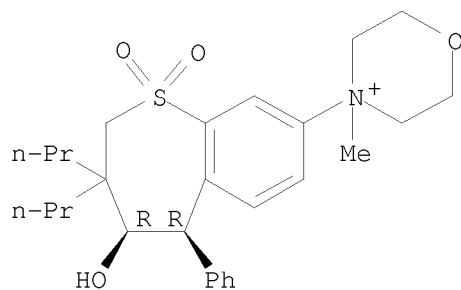
Relative stereochemistry.

10/590,458



RN 1068472-78-5 CAPLUS
CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

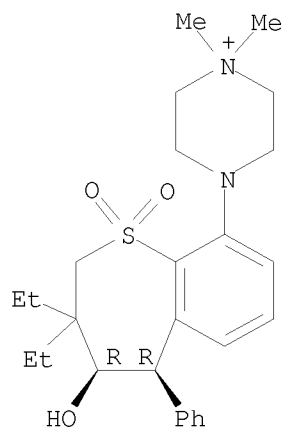
Relative stereochemistry.



RN 1068472-83-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

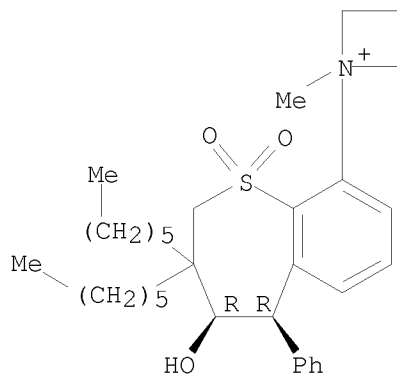
Relative stereochemistry.

10/590,458



RN 1068472-99-0 CAPLUS
CN Azetidinium, 1-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

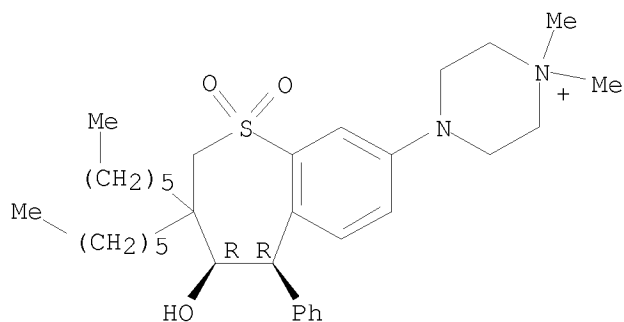
Relative stereochemistry.



RN 1068473-15-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

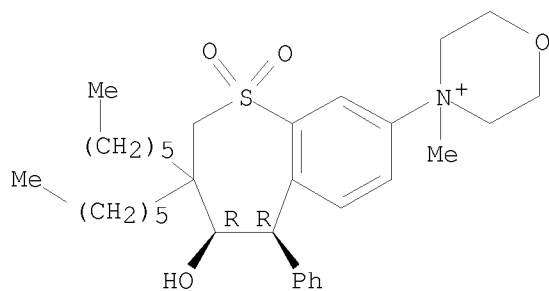
Relative stereochemistry.

10/590,458



RN 1068473-28-8 CAPLUS
CN Morpholinium, 4-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

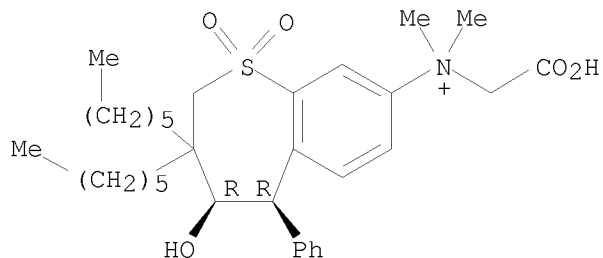
Relative stereochemistry.



RN 1068473-37-9 CAPLUS
CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

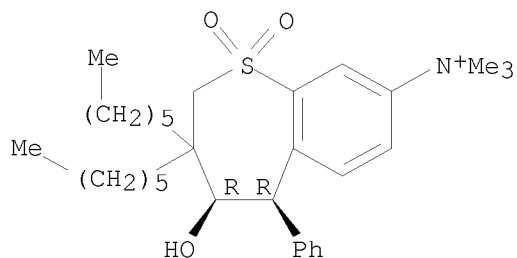
10/590,458



RN 1068473-47-1 CAPLUS

CN 1-Benzothiepin-8-aminium, 3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

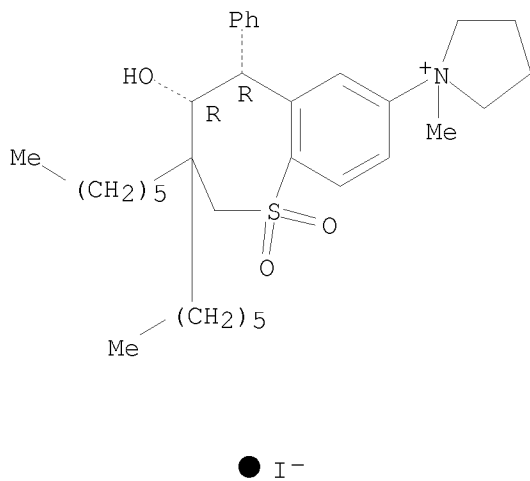


RN 1068473-56-2 CAPLUS

CN Pyrrolidinium, 1-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

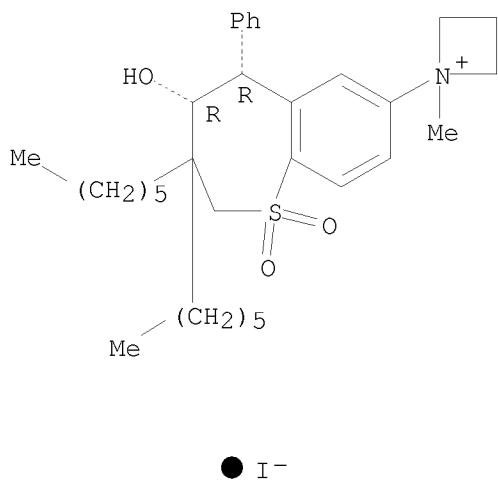
Relative stereochemistry.

10/590,458



RN	1068473-66-4	CAPLUS
CN	Azetidinium, 1-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)	

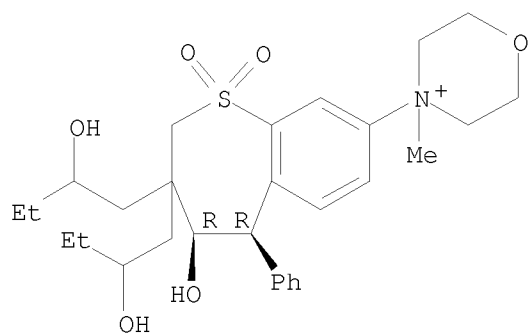
Relative stereochemistry.



RN 1068473-75-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

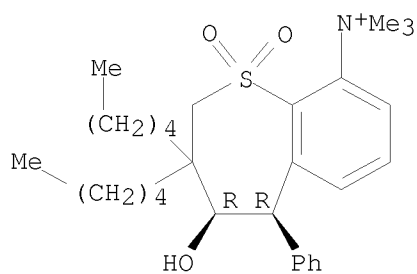
Relative stereochemistry.

10/590,458



RN 1068473-76-6 CAPLUS
CN 1-Benzothiepin-9-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

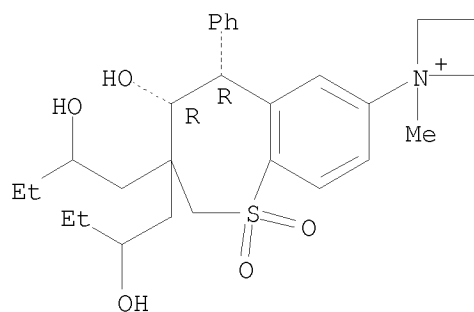
Relative stereochemistry.



RN 1068473-91-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

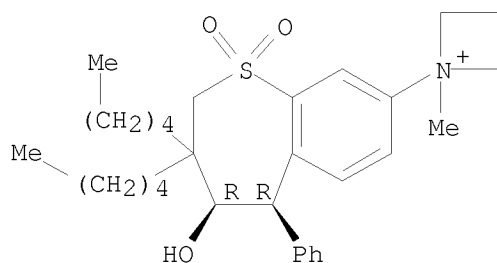
Relative stereochemistry.

10/590,458



RN 1068473-95-9 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

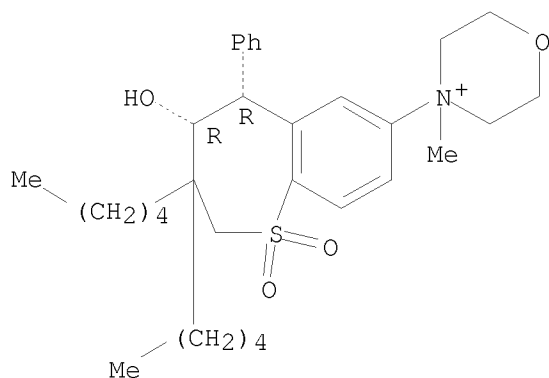
Relative stereochemistry.



RN 1068474-06-5 CAPLUS
CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

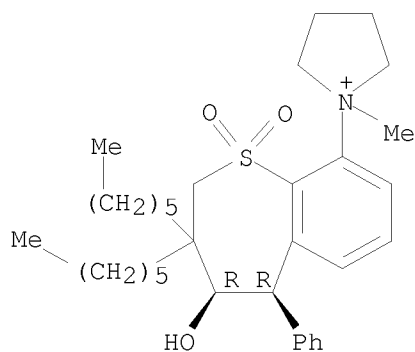
Relative stereochemistry.

10/590,458



RN 1068474-17-8 CAPLUS
 CN Pyrrolidinium, 1-[(4R,5R)-3,3-dihexyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-9-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

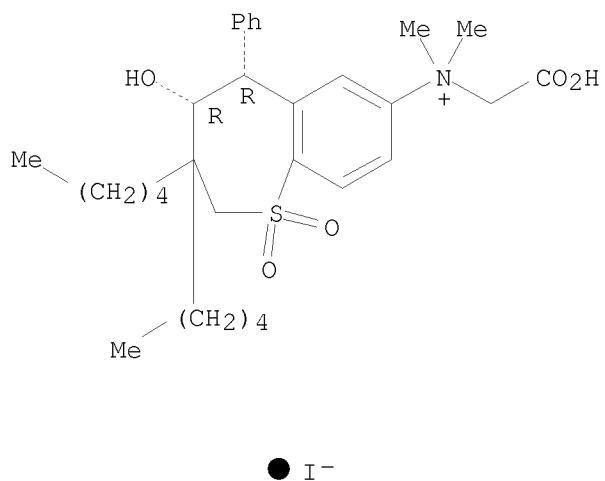
Relative stereochemistry.



RN 1068474-20-3 CAPLUS
 CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

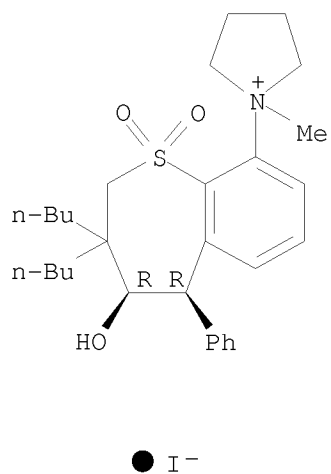
Relative stereochemistry.

10/590,458



RN 1068474-38-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

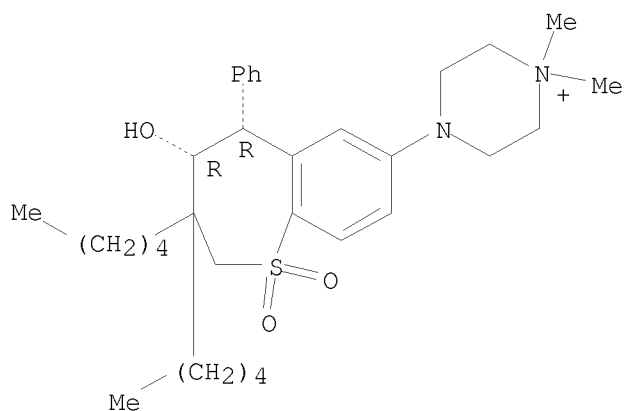
Relative stereochemistry.



RN 1068474-40-7 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

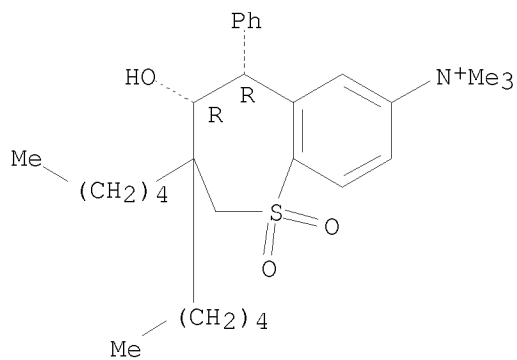
Relative stereochemistry.

10/590,458



RN 1068474-52-1 CAPLUS
CN 1-Benzothiepin-7-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-3,3-dipentyl-5-phenyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

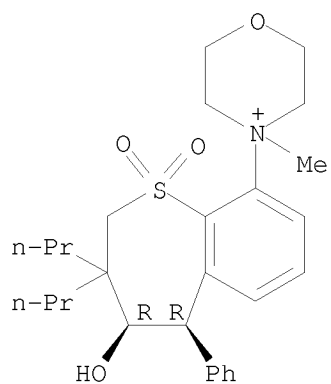
Relative stereochemistry.



RN 1068474-58-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

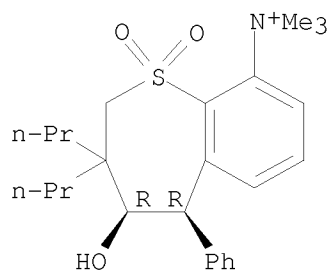
10/590,458



RN 1068474-71-4 CAPLUS

CN 1-Benzothiepin-9-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

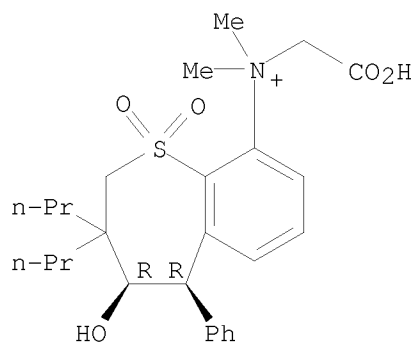


RN 1068474-76-9 CAPLUS

CN 1-Benzothiepin-9-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

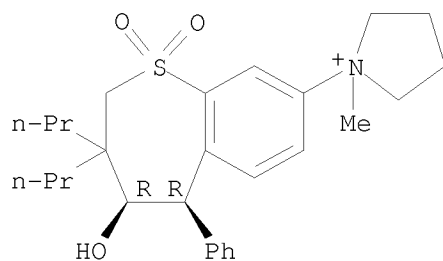
Relative stereochemistry.

10/590,458



RN 1068474-85-0 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

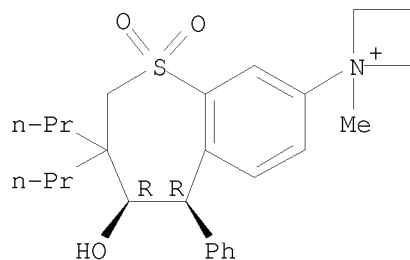
Relative stereochemistry.



RN 1068474-98-5 CAPLUS
CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

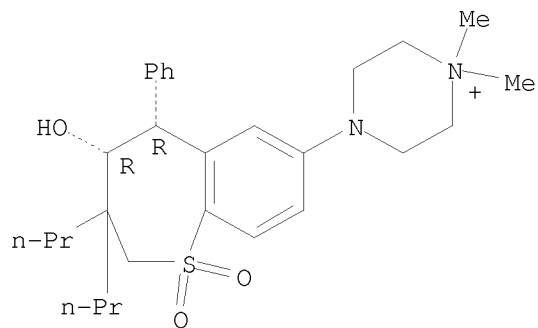
10/590,458



RN 1068475-01-3 CAPLUS

CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

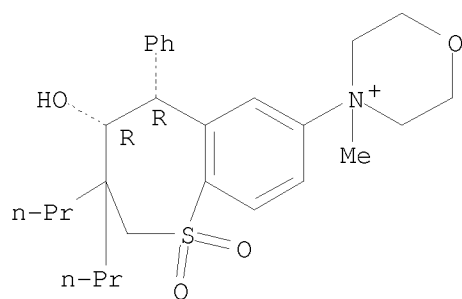


RN 1068475-11-5 CAPLUS

CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-dipropyl-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

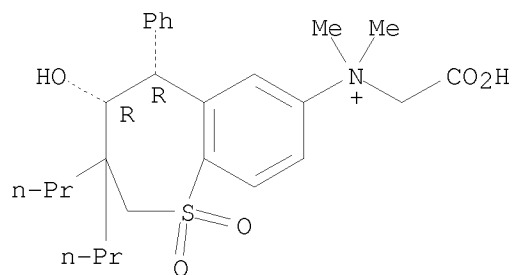


● I⁻

RN 1068475-13-7 CAPLUS

CN 1-Benzothiepin-7-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-3,3-dipropyl-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



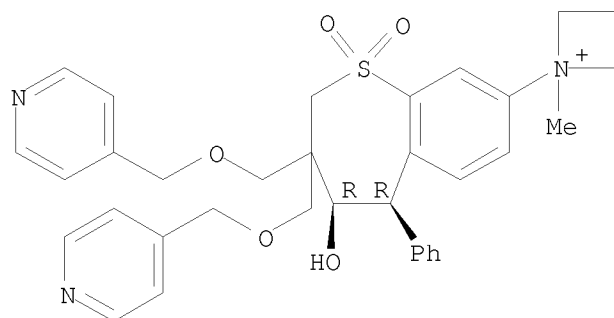
● I⁻

RN 1068475-19-3 CAPLUS

CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

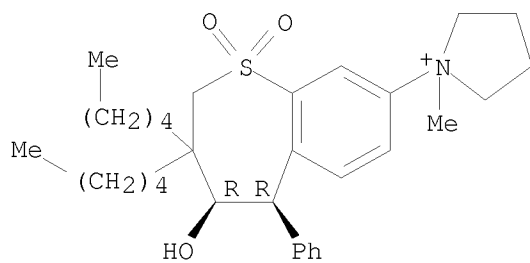
Relative stereochemistry.

10/590,458



RN 1068479-93-5 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-3,3-dipentyl-5-phenyl-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

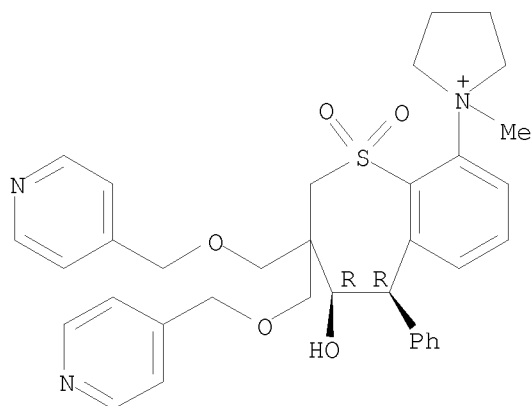
Relative stereochemistry.



RN 1068480-58-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

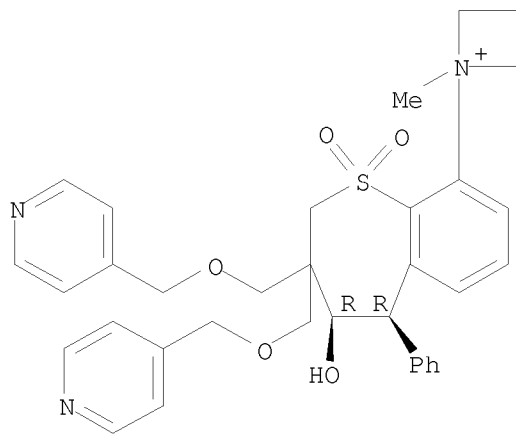
10/590,458



● I⁻

RN 1068480-92-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

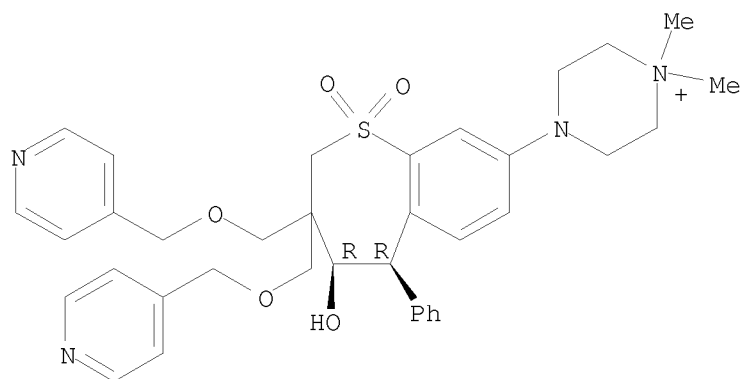


● I⁻

RN 1068481-21-9 CAPLUS
CN Piperazinium, 1,1-dimethyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

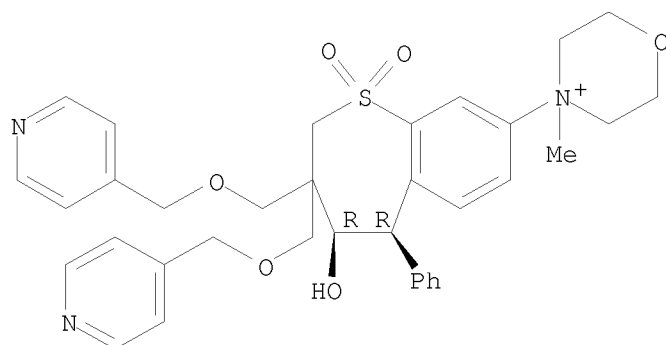
10/590,458



● I⁻

RN 1068481-41-3 CAPLUS
CN Morpholinium, 4-methyl-4-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-8-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

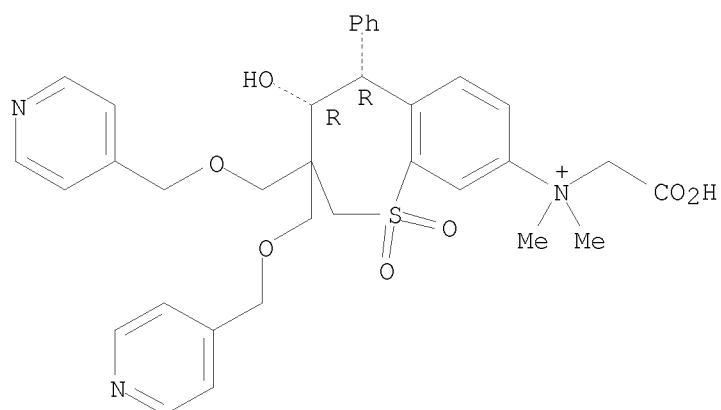


● I⁻

RN 1068481-67-3 CAPLUS
CN 1-Benzothiepin-8-aminium, N-(carboxymethyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N-dimethyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

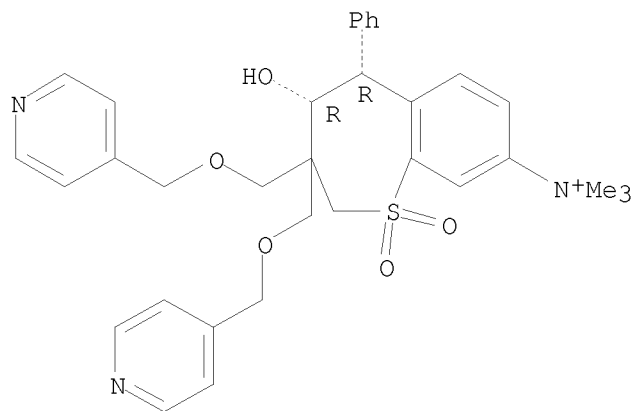
Relative stereochemistry.

10/590,458



RN 1068481-95-7 CAPLUS
CN 1-Benzothiepin-8-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

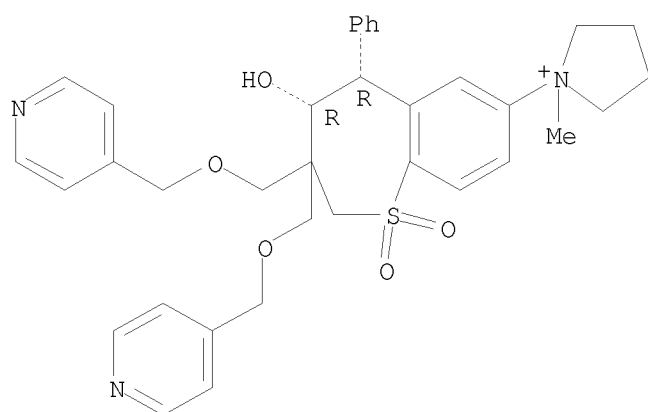
Relative stereochemistry.



RN 1068482-27-8 CAPLUS
CN Pyrrolidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

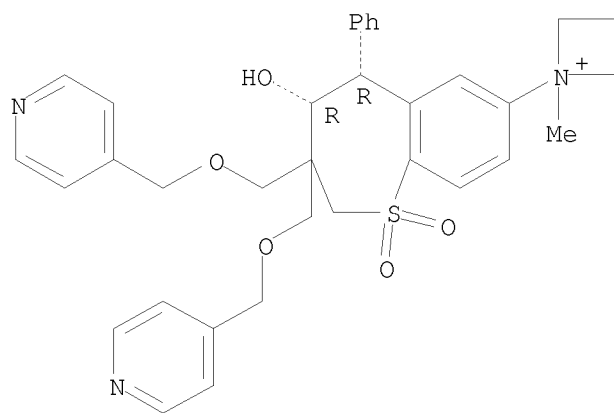
10/590,458



RN 1068482-58-5 CAPLUS

CN Azetidinium, 1-methyl-1-[(4R,5R)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-1-benzothiepin-7-yl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

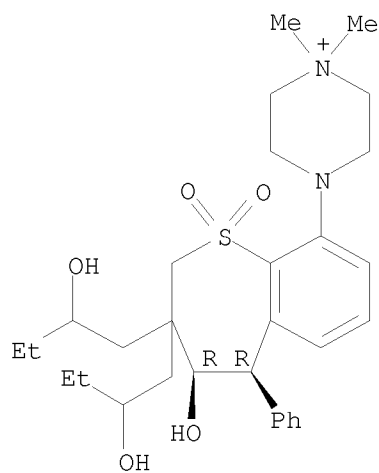


RN 1068483-41-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

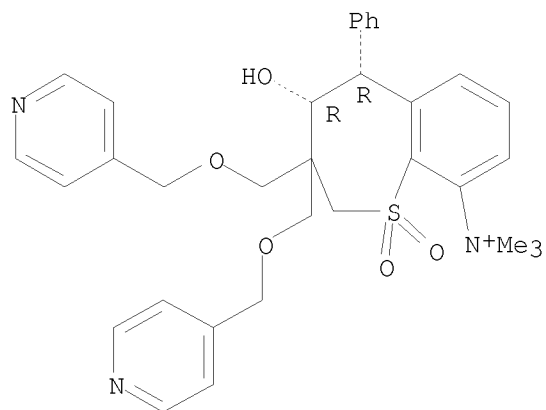
10/590,458



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RN 1068483-72-6 CAPLUS
CN 1-Benzothiepin-9-aminium, 2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-3,3-bis[(4-pyridinylmethoxy)methyl]-, 1,1-dioxide iodide (1:1), (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

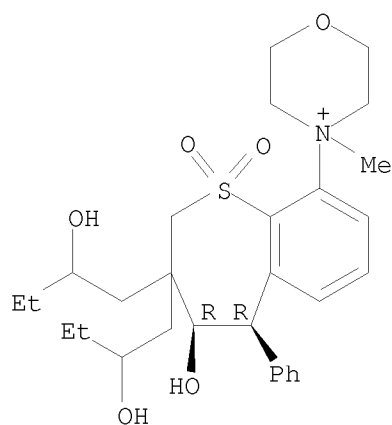


● I⁻

RN 1068484-41-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

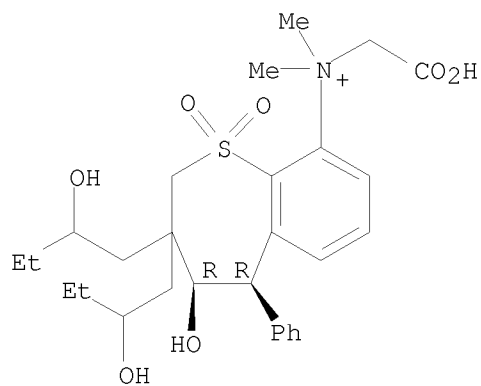
Relative stereochemistry.

10/590,458



RN 1068484-71-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

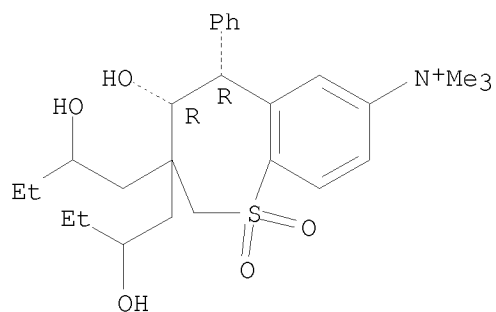
Relative stereochemistry.



RN 1068484-76-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

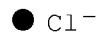
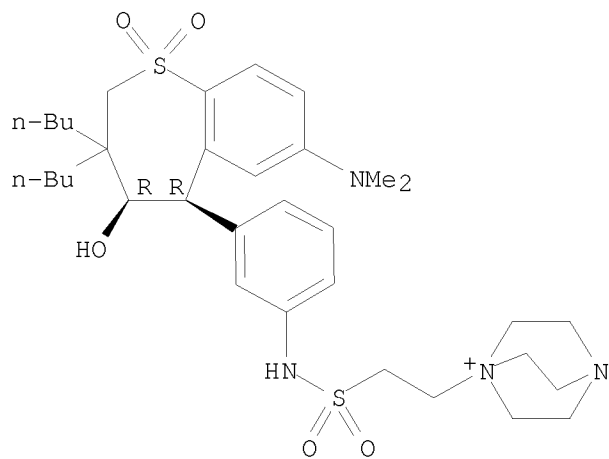
Relative stereochemistry.

10/590,458



RN 1068484-80-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

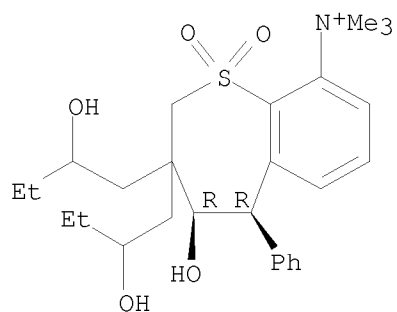
Relative stereochemistry.



RN 1068485-07-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

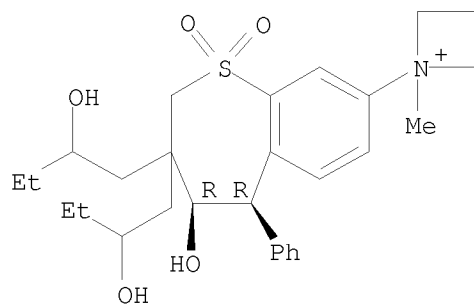
Relative stereochemistry.

10/590,458



RN 1068485-38-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

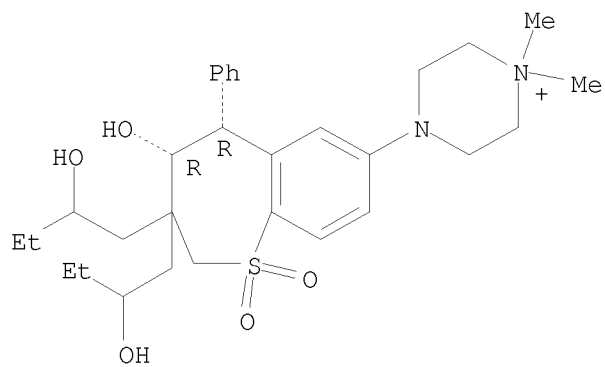
Relative stereochemistry.



RN 1068485-65-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

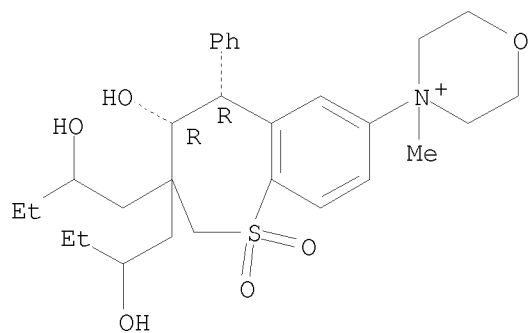
10/590,458



● I⁻

RN 1068485-92-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

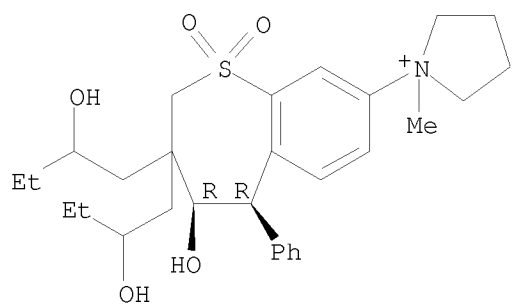


● I⁻

RN 1068486-11-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

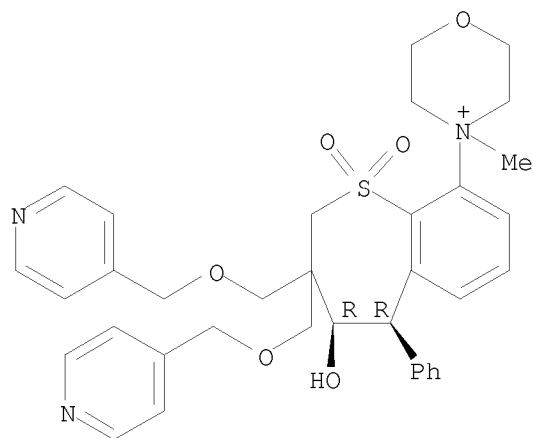
Relative stereochemistry.

10/590,458



RN 1068486-34-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

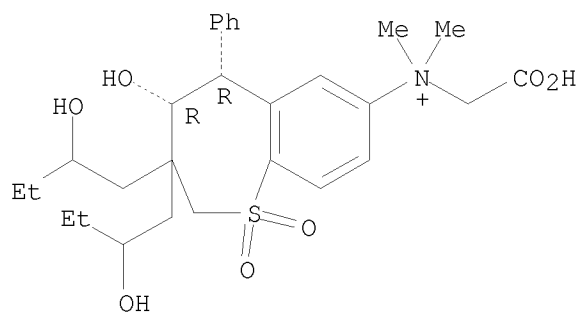
Relative stereochemistry.



RN 1068495-81-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

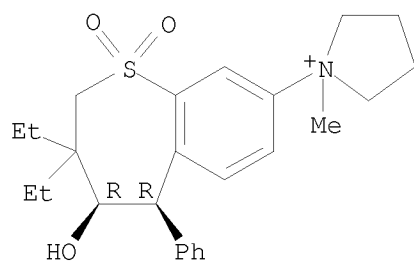
Relative stereochemistry.

10/590,458



RN 1068495-83-9 CAPLUS
CN Pyrrolidinium, 1-[(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

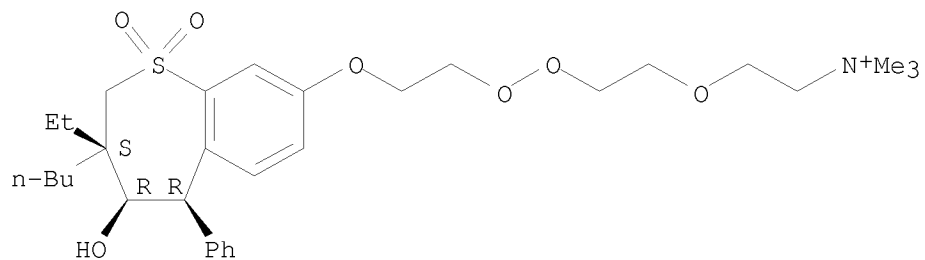
Relative stereochemistry.



RN 1068503-31-0 CAPLUS
CN Ethanaminium, 2-[2-[2-[[2-[(3S,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethyl]dioxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1) (CA INDEX NAME)

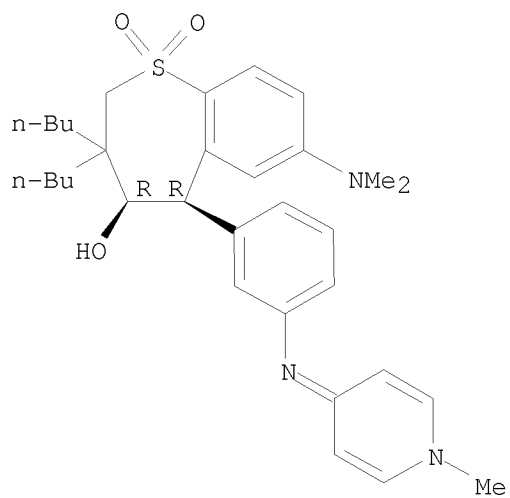
Absolute stereochemistry.

10/590,458



RN 1068541-19-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

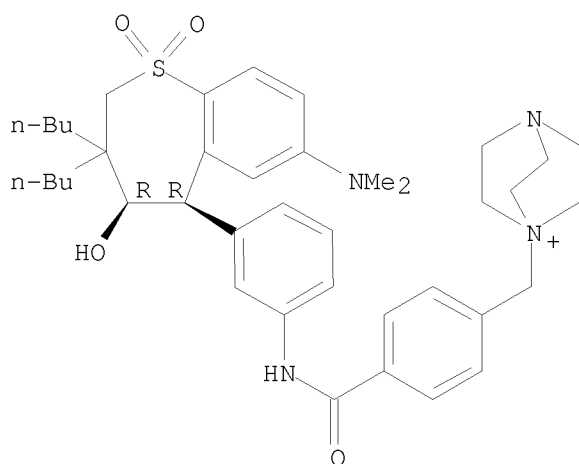
Relative stereochemistry.



RN 1069134-21-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

10/590,458



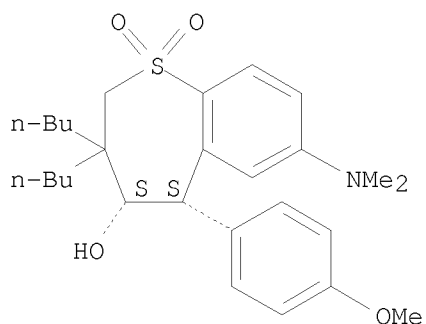
IT 361373-74-2P

RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(formation and racemization; preparation of precursors of mono- and di-fluorinated benzothiepine inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions)

RN 361373-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.



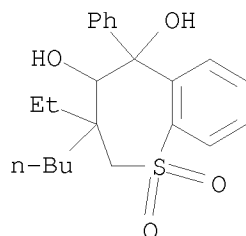
IT 197372-68-2P, 3-Butyl-3-ethyl-4,5-dihydroxy-5-phenyl-2,3,4,5-tetrahydrobenzothiepine-1,1-dioxide 197378-62-4P

RL: BYP (Byproduct); PREP (Preparation)
(preparation of precursors of mono- and di-fluorinated benzothiepine inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions)

RN 197372-68-2 CAPLUS

10/590,458

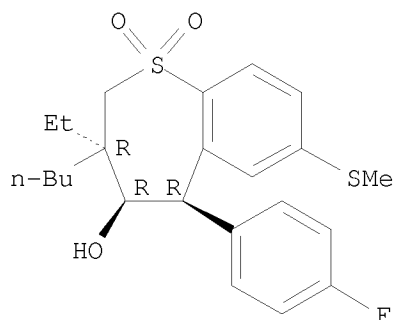
CN 1-Benzothiepin-4,5-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide (CA INDEX NAME)



RN 197378-62-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



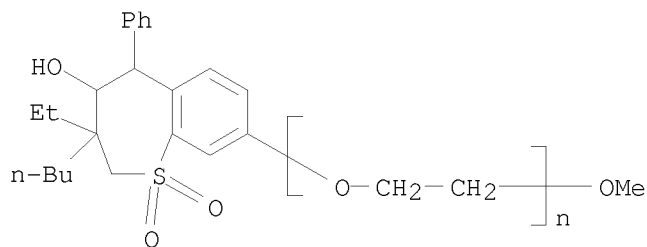
IT 197373-36-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)

(preparation of precursors of mono- and di-fluorinated benzothiepine
inhibitors of apical sodium co-dependent bile acid transport (ASBT) and
taurocholate uptake for treating hyperlipidemic conditions)

RN 197373-36-7 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[(3R,4S,5R)-3-butyl-3-ethyl-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- ω -
methoxy-, rel- (9CI) (CA INDEX NAME)



IT 228113-65-3P

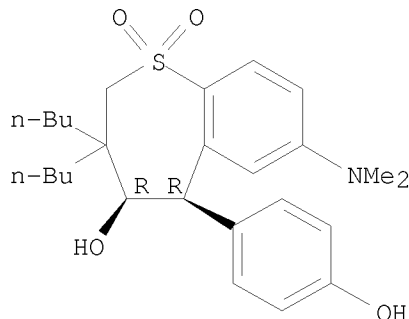
RL: PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation)

(preparation of precursors of mono- and di-fluorinated benzothiepine inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions)

RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT 197372-97-7 197372-98-8 197373-14-1

197375-48-7 197375-49-8

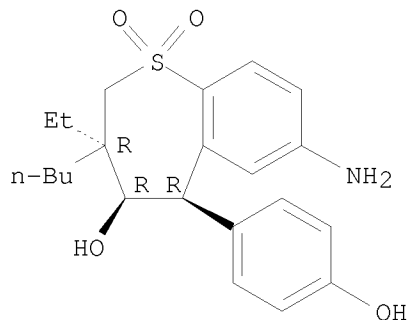
RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of precursors of mono- and di-fluorinated benzothiepine inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions)

RN 197372-97-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

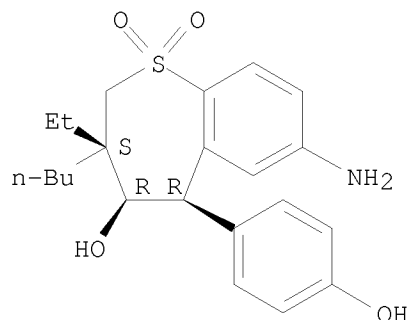


RN 197372-98-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

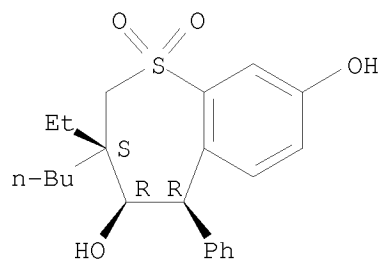
10/590,458



RN 197373-14-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

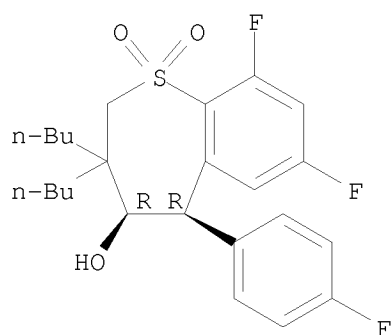
Relative stereochemistry.



RN 197375-48-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

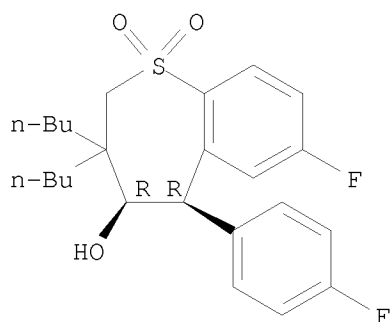
Relative stereochemistry.



RN 197375-49-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 178678-25-6P, cis-3-Butyl-3-ethyl-5-phenyl-2,3-dihydrobenzothiepin-4(5H)-one-1,1-dioxide 178678-26-7P
 178678-27-8P 178678-40-5P 178678-45-0P
 178678-46-1P 178897-97-7P 178898-00-5P
 178898-01-6P 178898-05-0P 197372-71-7P
 197372-76-2P 197372-77-3P 197372-78-4P
 197373-02-7P 197373-03-8P 197373-13-0P
 197373-42-5P 197373-43-6P 197373-44-7P
 197373-46-9P 197373-47-0P 197373-49-2P
 197373-50-5P 197373-51-6P 197373-52-7P
 197373-55-0P 197373-56-1P 197373-57-2P
 197373-58-3P 197377-84-7P 228113-63-1P
 228113-64-2P 289037-96-3P 289037-98-5P
 289038-46-6P 289038-47-7P 289038-52-4P
 289038-53-5P 289038-54-6P 289038-55-7P
 289038-56-8P 289038-57-9P 289038-58-0P
 289038-59-1P 289038-60-4P 289038-61-5P
 289038-63-7P 289038-64-8P 289038-65-9P
 289038-66-0P 289038-68-2P 289038-70-6P
 289038-72-8P 289038-74-0P 289038-75-1P
 289038-77-3P 289038-78-4P 289038-79-5P
 289038-80-8P 289038-81-9P 289038-82-0P
 289038-83-1P 289038-84-2P 289038-86-4P
 361374-22-3P 525589-69-9P

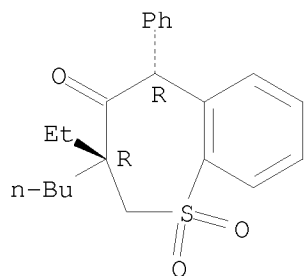
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of precursors of mono- and di-fluorinated benzothiepine inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions)

RN 178678-25-6 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-, 1,1-dioxide, (3R,5R)-rel- (CA INDEX NAME)

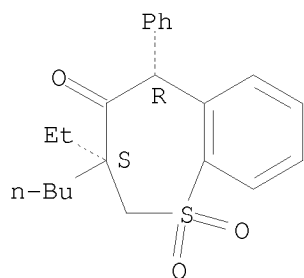
Relative stereochemistry.

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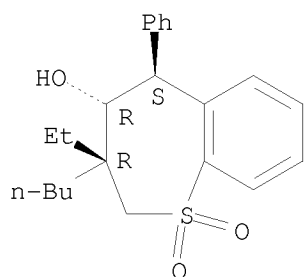
RN 178678-26-7 CAPLUS
CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178678-27-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

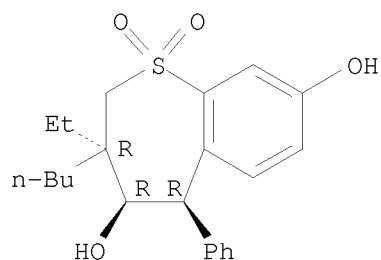
Relative stereochemistry.



RN 178678-40-5 CAPLUS
CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

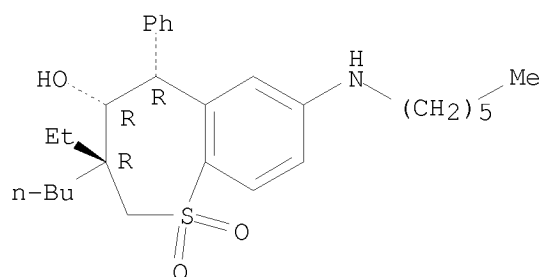
Relative stereochemistry.

10/590,458



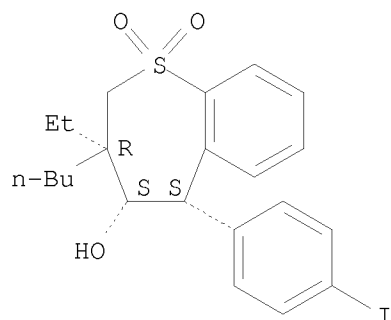
RN 178678-45-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178678-46-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-iodophenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

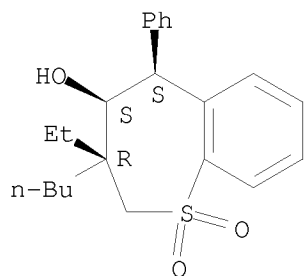
Relative stereochemistry.



RN 178897-97-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

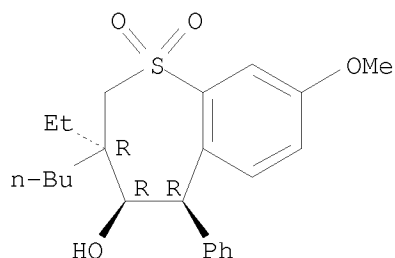
10/590,458



RN 178898-00-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

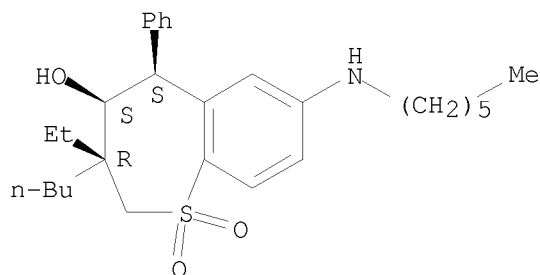
Relative stereochemistry.



RN 178898-01-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

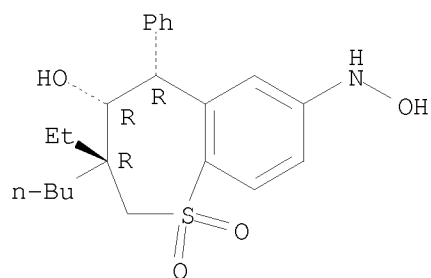


RN 178898-05-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

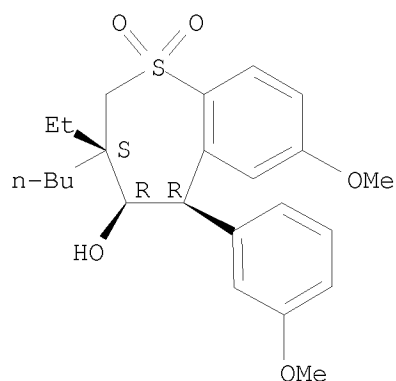
10/590,458



RN 197372-71-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

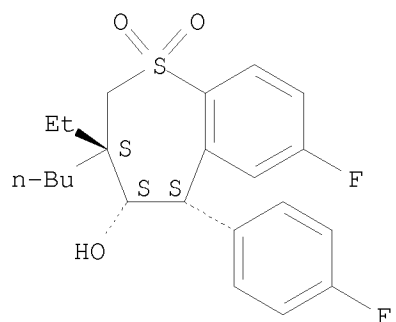
Relative stereochemistry.



RN 197372-76-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

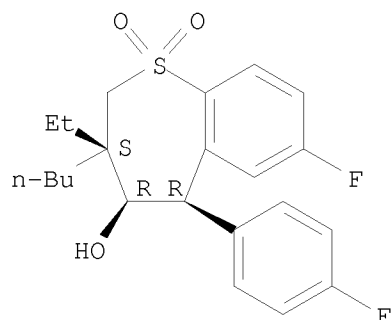


RN 197372-77-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

10/590,458

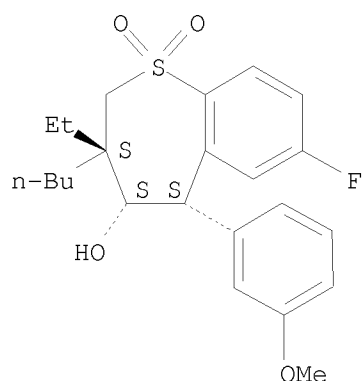
Relative stereochemistry.



RN 197372-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

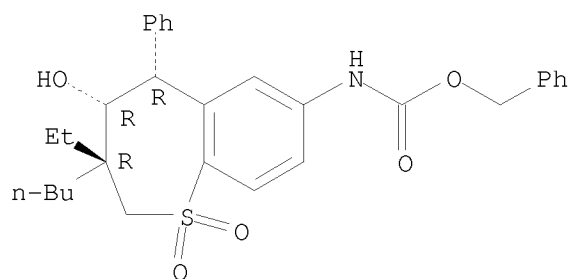
Relative stereochemistry.



RN 197373-02-7 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



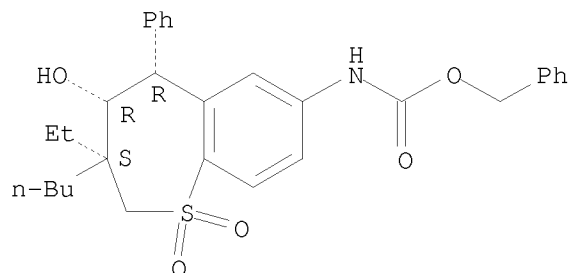
RN 197373-03-8 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-

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1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

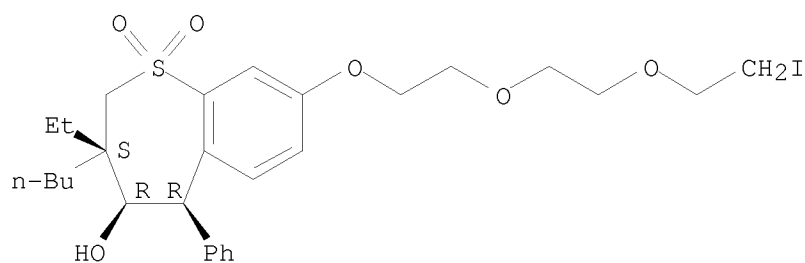
Relative stereochemistry.



RN 197373-13-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

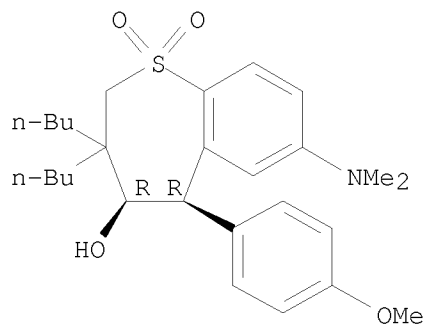
Relative stereochemistry.



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

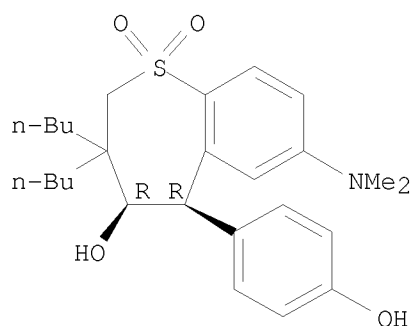


RN 197373-43-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

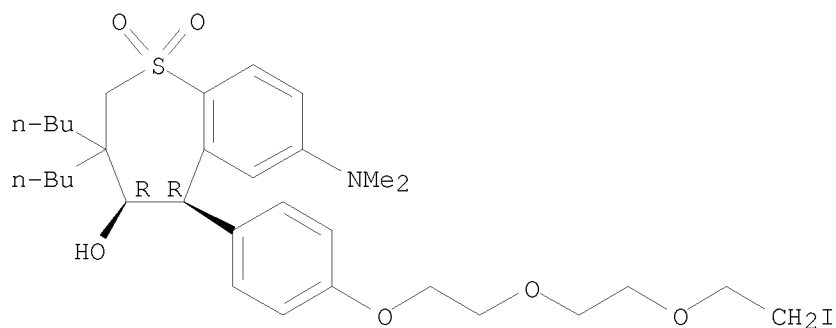
Relative stereochemistry.



RN 197373-44-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

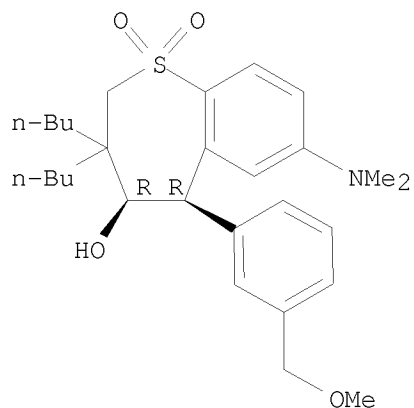


RN 197373-46-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(methoxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

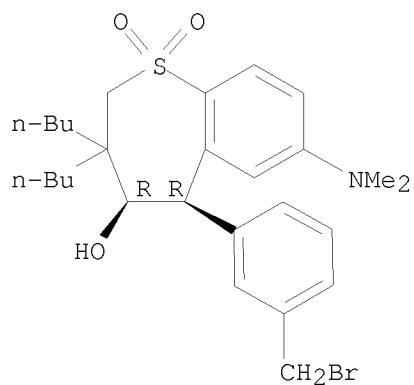
10/590,458



RN 197373-47-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

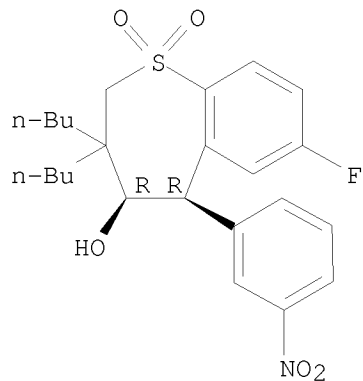


RN 197373-49-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

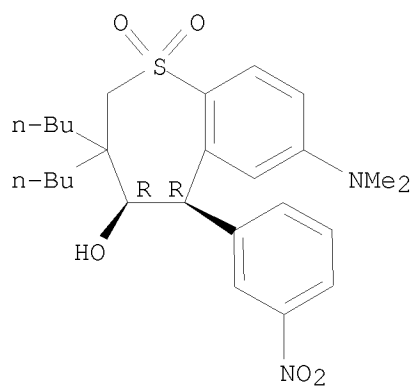
10/590,458



RN 197373-50-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

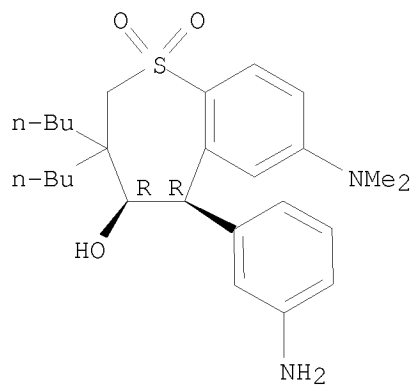
Relative stereochemistry.



RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

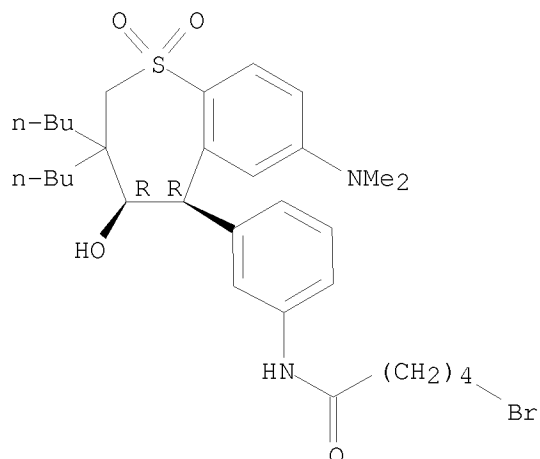


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RN 197373-52-7 CAPLUS

CN Pentanamide, 5-bromo-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

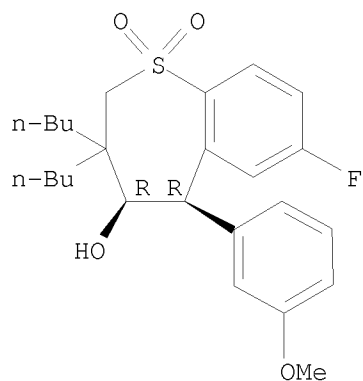
Relative stereochemistry.



RN 197373-55-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

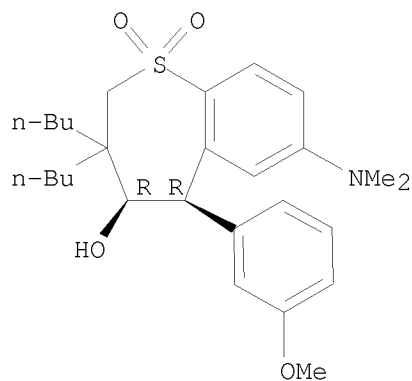


RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

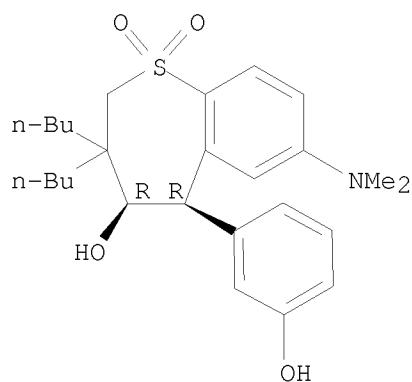
10/590,458



RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

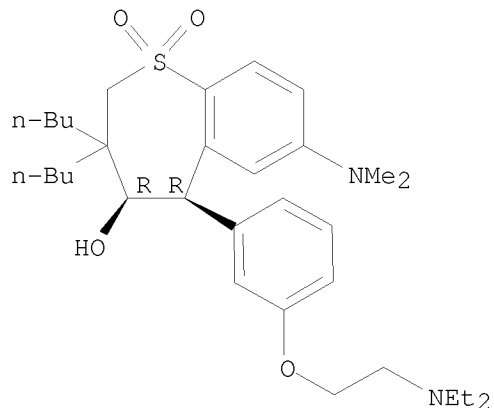


RN 197373-58-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-[2-(diethylamino)ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

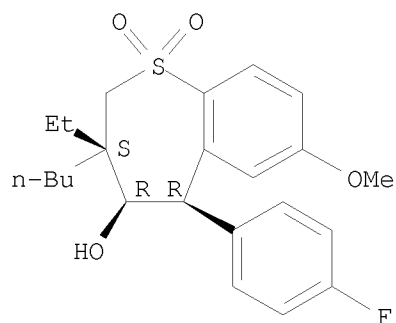
10/590,458



RN 197377-84-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

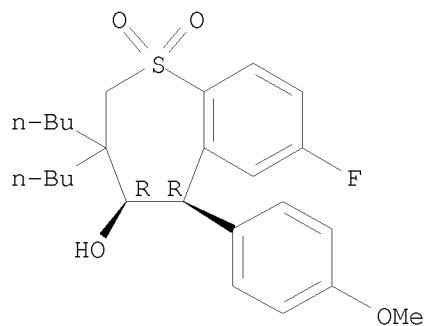
Relative stereochemistry.



RN 228113-63-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



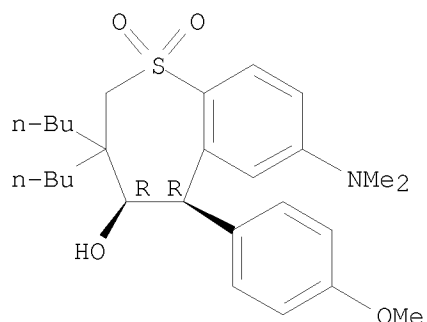
RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-

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methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

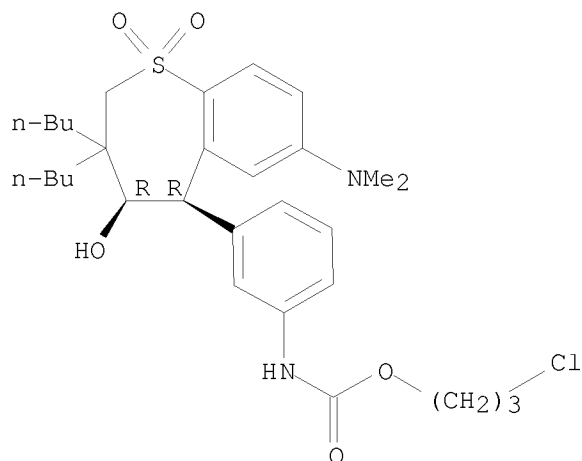
Absolute stereochemistry.



RN 289037-96-3 CAPLUS

CN Carbamic acid, [3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, 3-chloropropyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

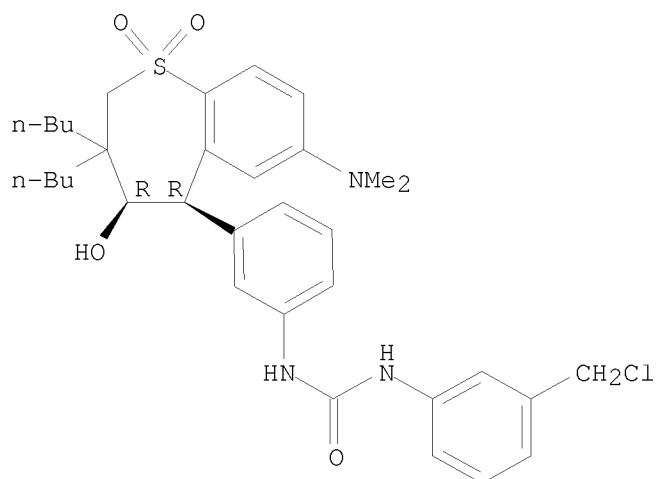


RN 289037-98-5 CAPLUS

CN Urea, N-[3-(chloromethyl)phenyl]-N'-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

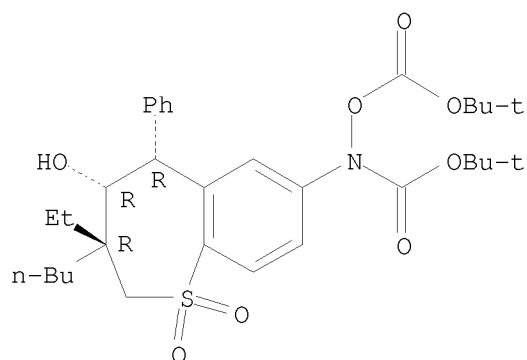
Relative stereochemistry.

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RN 289038-46-6 CAPLUS
CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl][[(1,1-dimethylethoxy)carbonyl]oxy]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

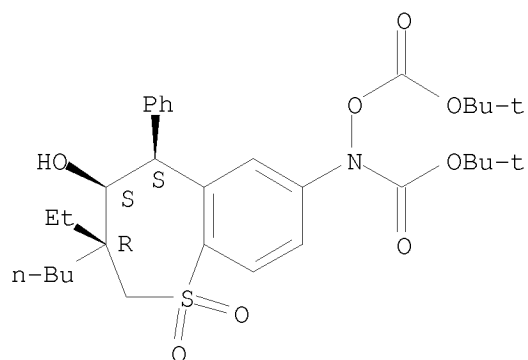
Relative stereochemistry.



RN 289038-47-7 CAPLUS
CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl][[(1,1-dimethylethoxy)carbonyl]oxy]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

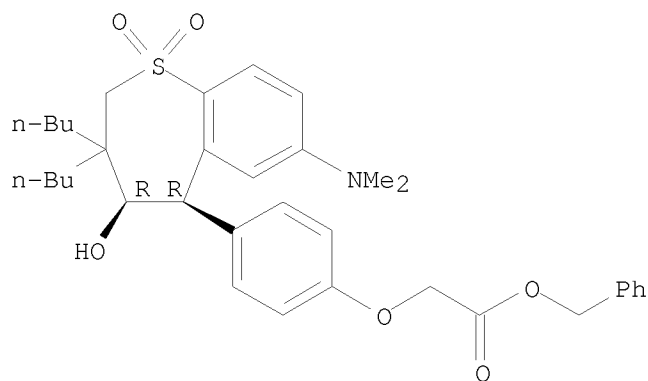
10/590,458



RN 289038-52-4 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

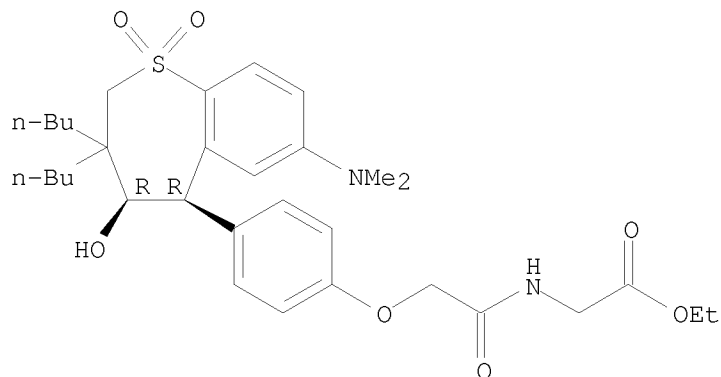


RN 289038-53-5 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

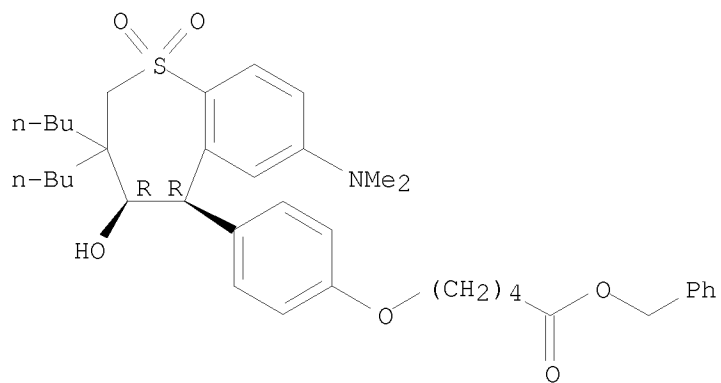
10/590,458



RN 289038-54-6 CAPLUS

CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

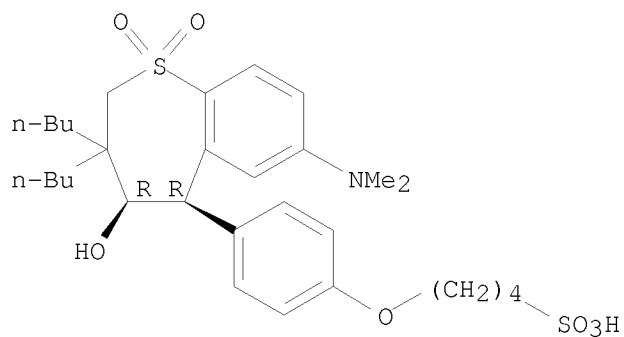


RN 289038-55-7 CAPLUS

CN 1-Butanesulfonic acid, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

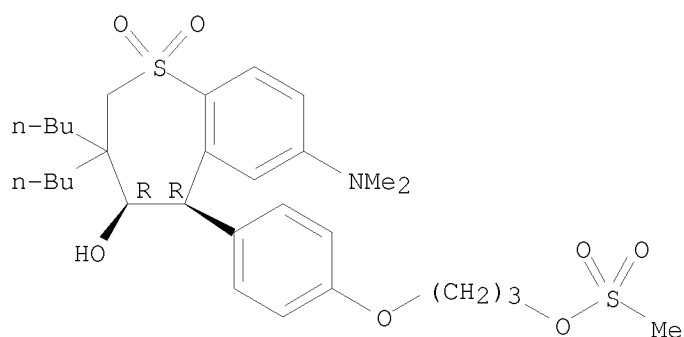
10/590,458



RN 289038-56-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[3-[(methylsulfonyl)oxy]propoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

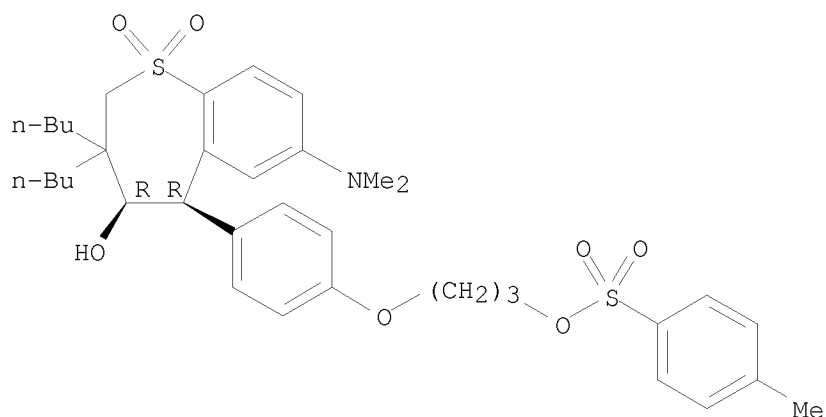


RN 289038-57-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[3-[[4-methylphenyl)sulfonyl]oxy]propoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

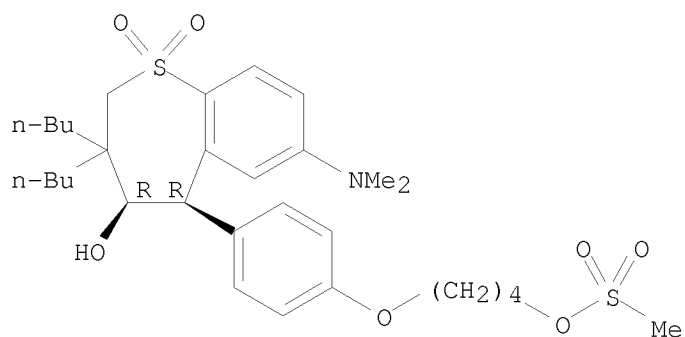
10/590,458



RN 289038-58-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[4-[(methylsulfonyl)oxy]butoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX
NAME)

Absolute stereochemistry.

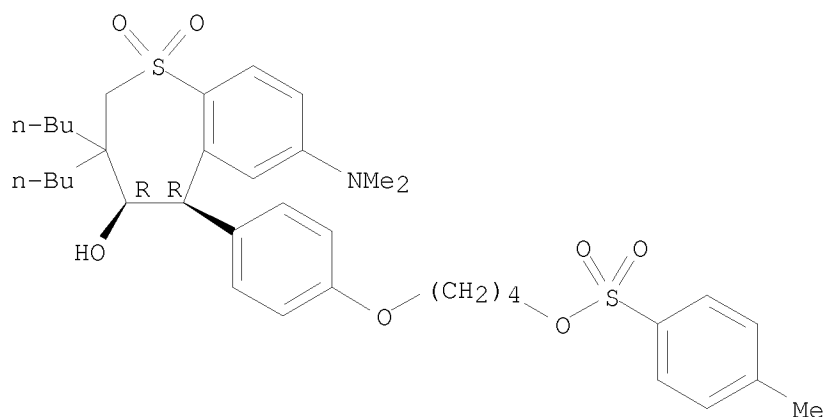


RN 289038-59-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[4-[[4-methylphenyl)sulfonyl]oxy]butoxy]phenyl]-, 1,1-dioxide, (4R,5R)-
(CA INDEX NAME)

Absolute stereochemistry.

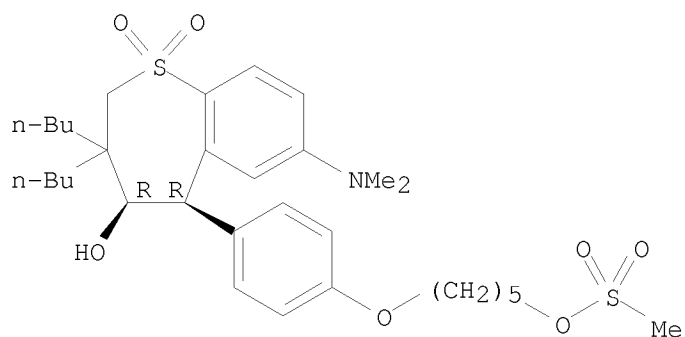
10/590,458



RN 289038-60-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[5-[(methylsulfonyl)oxy]pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

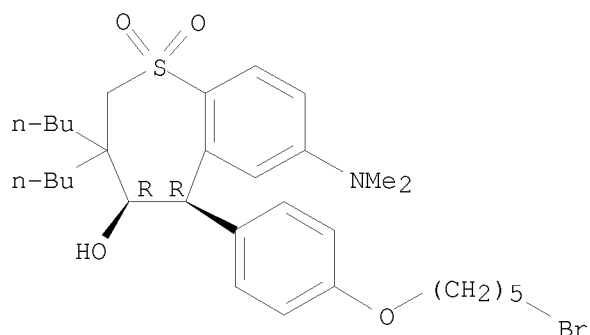


RN 289038-61-5 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-bromopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

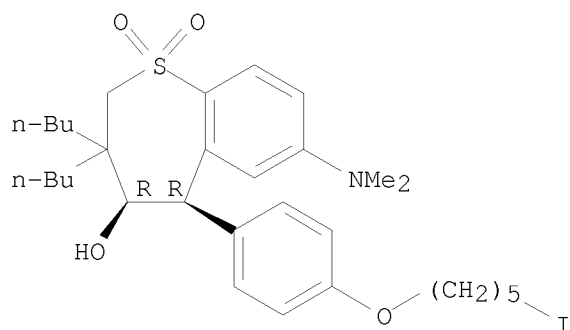
10/590,458



RN 289038-63-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(5-iodopentyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

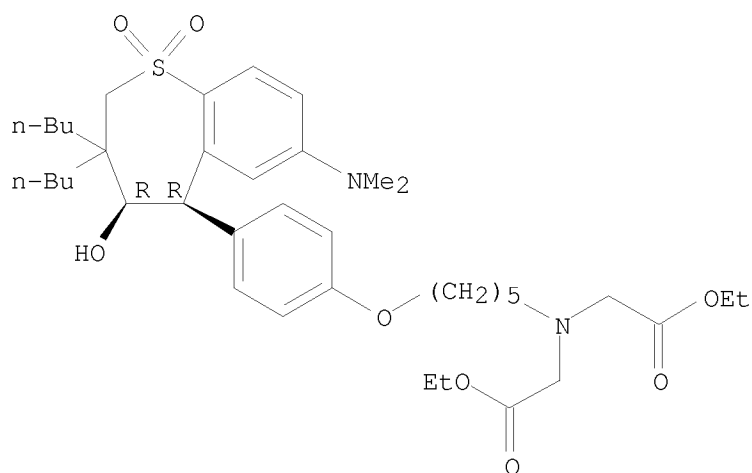


RN 289038-64-8 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

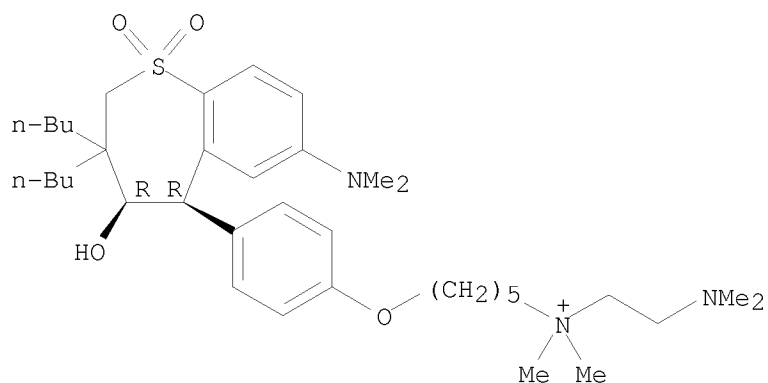
Absolute stereochemistry.

10/590,458



RN 289038-65-9 CAPLUS
 CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide (1:1) (CA INDEX NAME)

Absolute stereochemistry.

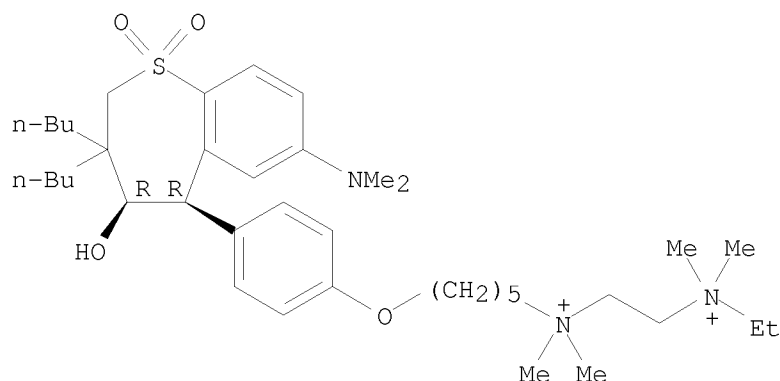


● Br⁻

RN 289038-66-0 CAPLUS
 CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, bromide iodide (1:1:1) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

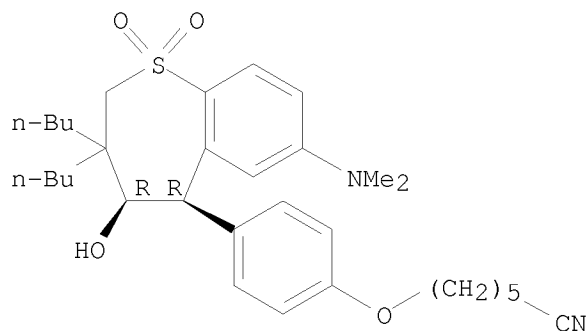


PAGE 2-A



RN 289038-68-2 CAPLUS
 CN Hexanenitrile, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

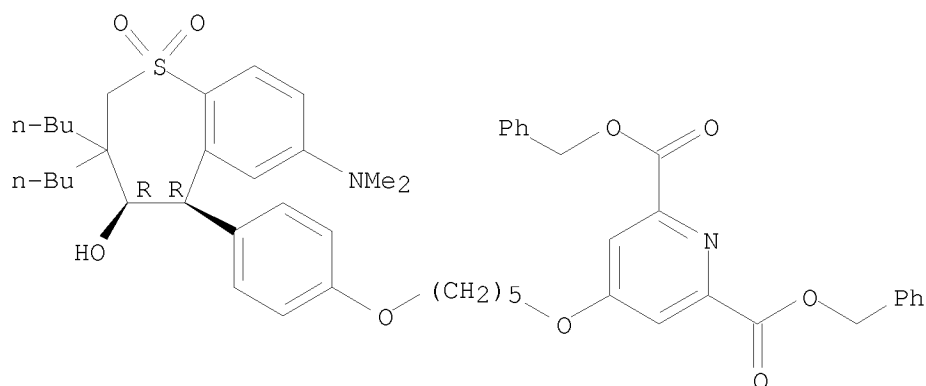
Absolute stereochemistry.



RN 289038-70-6 CAPLUS
 CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]oxy]-, 2,6-bis(phenylmethyl) ester (CA INDEX NAME)

Absolute stereochemistry.

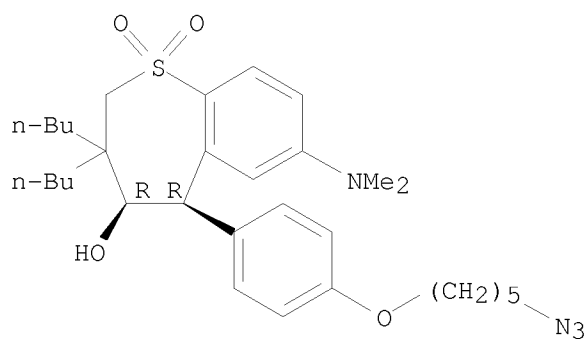
10/590,458



RN 289038-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-azidopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

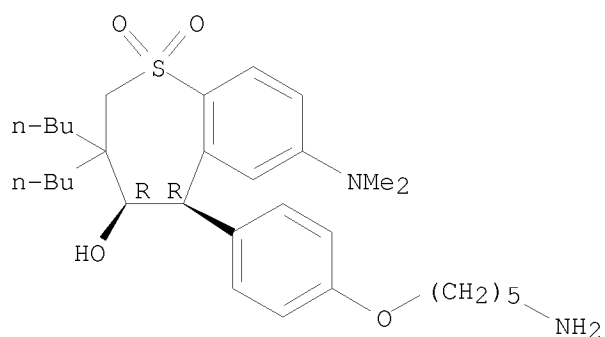


RN 289038-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-aminopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

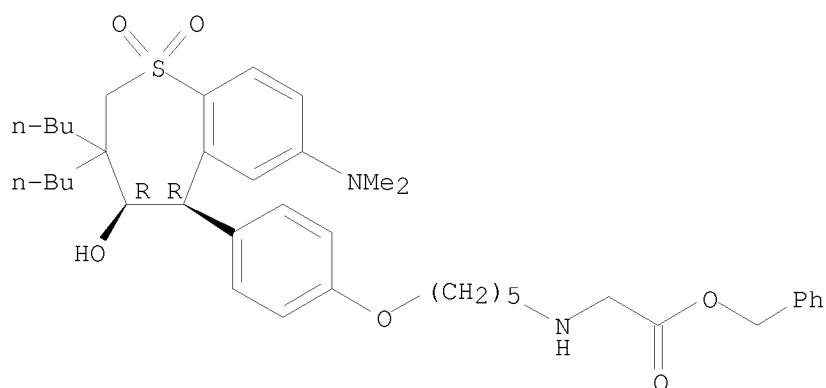
10/590,458



RN 289038-75-1 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

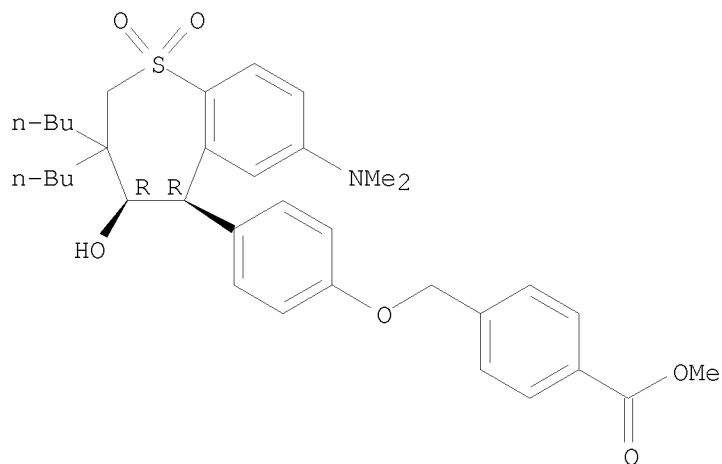


RN 289038-77-3 CAPLUS

CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

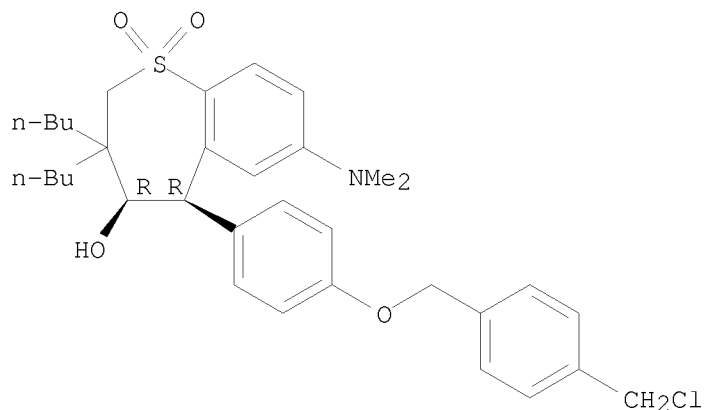
10/590,458



RN 289038-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

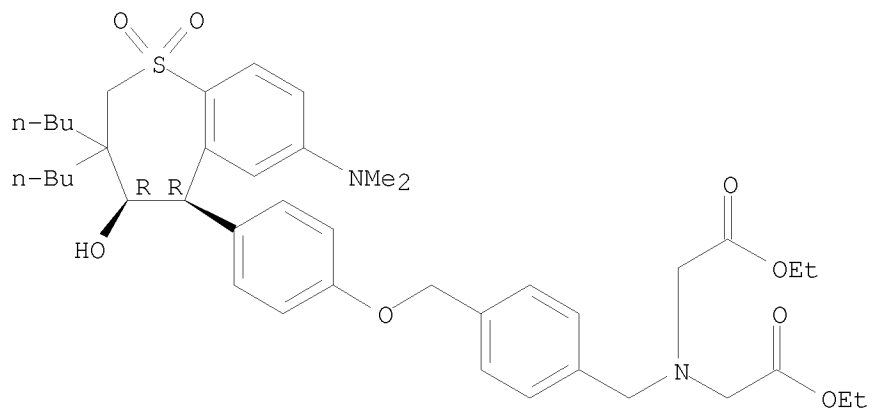


RN 289038-79-5 CAPLUS

CN Glycine, N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

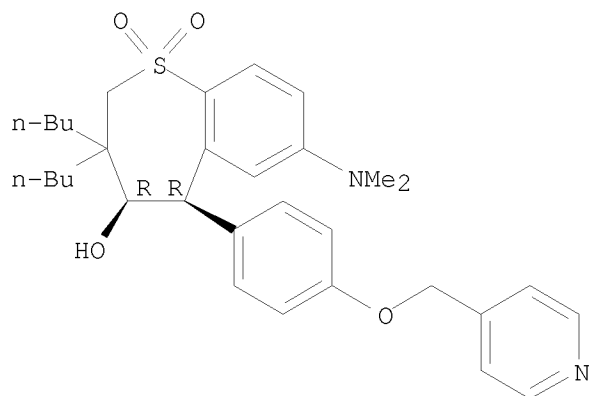
10/590,458



RN 289038-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(4-pyridinylmethoxy)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

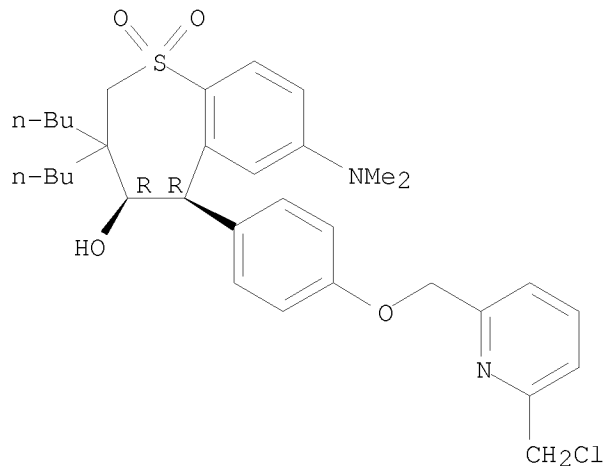


RN 289038-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

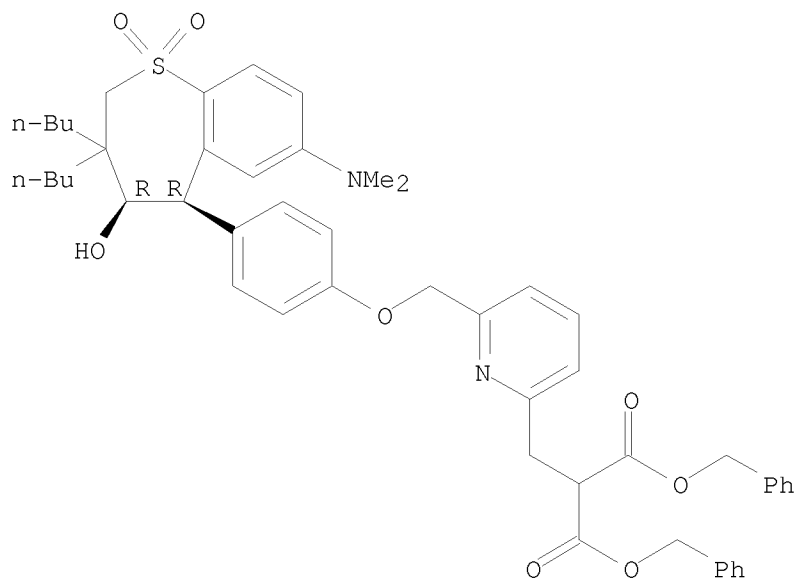
Absolute stereochemistry.

10/590,458



RN 289038-82-0 CAPLUS
CN Propanedioic acid, 2-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-, 1,3-bis(phenylmethyl) ester (CA INDEX NAME)

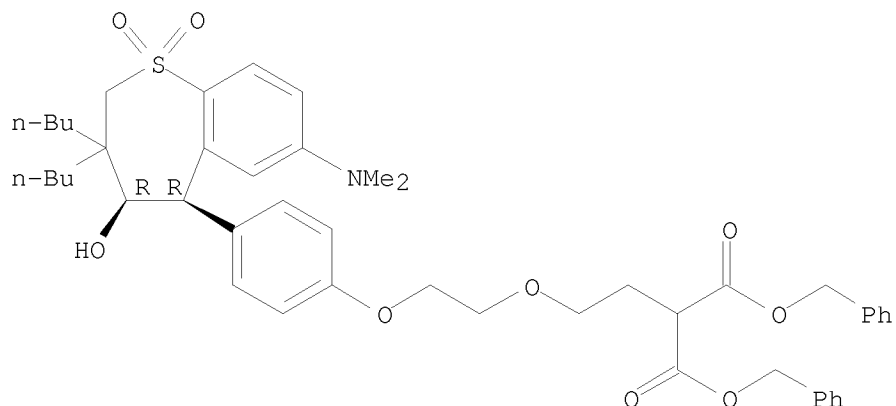
Absolute stereochemistry.



RN 289038-83-1 CAPLUS
CN Glycine, N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

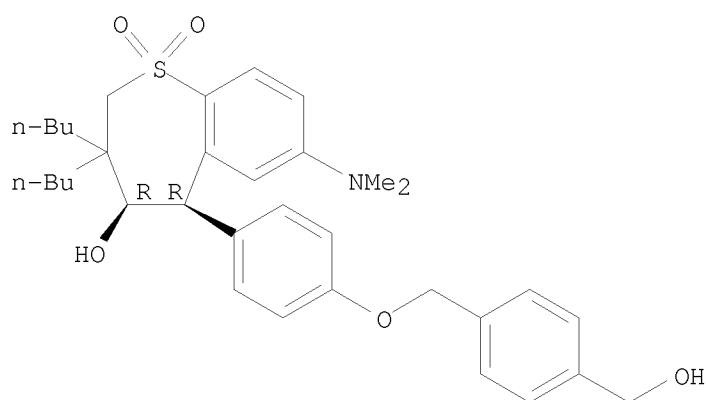
10/590,458



RN 361374-22-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[4-(hydroxymethyl)phenyl]methoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

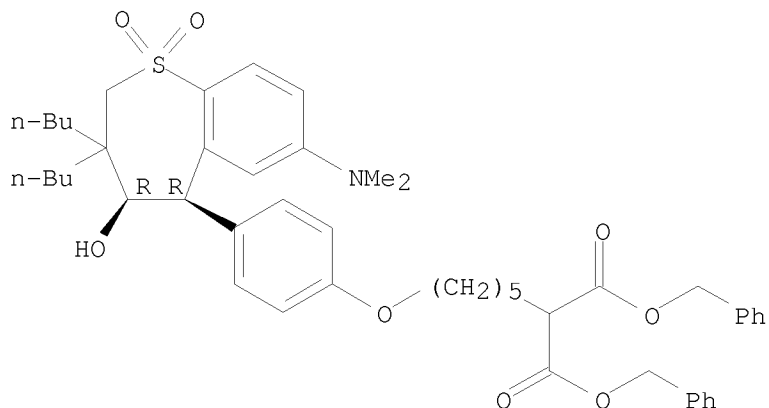
Absolute stereochemistry.



RN 525589-69-9 CAPLUS

CN Propanedioic acid, 2-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, 1,3-bis(phenylmethyl) ester (CA INDEX NAME)

Absolute stereochemistry.



IT	178678-39-2P	178678-41-6P	178678-44-9P
	178678-47-2P	178678-48-3P	178678-54-1P
	178897-95-5P	178897-96-6P	178898-02-7P
	178898-04-9P	197372-70-6P	197372-72-8P
	197372-73-9P	197372-74-0P	197372-75-1P
	197372-79-5P	197372-80-8P	197372-81-9P
	197372-82-0P	197372-83-1P	197372-84-2P
	197372-85-3P	197372-86-4P	197372-87-5P
	197372-88-6P	197372-90-0P	197373-06-1P
	197373-16-3P	197373-17-4P	197373-18-5P
	197373-19-6P	197373-20-9P	197373-22-1P
	197373-24-3P	197373-25-4P	197373-26-5P
	197373-27-6P	197373-32-3P	197373-35-6P
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	197377-96-1P	197377-98-3P	228113-66-4P
	280105-90-0P	289037-54-3P	289037-55-4P
	289037-59-8P	289037-60-1P	289037-61-2P
	289037-62-3P	289037-64-5P	289037-65-6P
	289037-67-8P	289037-68-9P	289037-70-3P
	289037-72-5P	289037-74-7P	289037-75-8P
	289037-76-9P	289037-77-0P	289037-78-1P
	289037-79-2P	289037-80-5P	289037-81-6P
	289037-82-7P	289037-83-8P	289037-84-9P
	289037-85-0P	289037-86-1P	289037-87-2P
	289037-88-3P	289037-90-7P	289037-91-8P
	289037-92-9P	289037-93-0P	289037-94-1P
	289037-97-4P	289037-99-6P	361374-26-7P
	525589-59-7P	526199-85-9P	

RL: SPN (Synthetic preparation); PREP (Preparation)

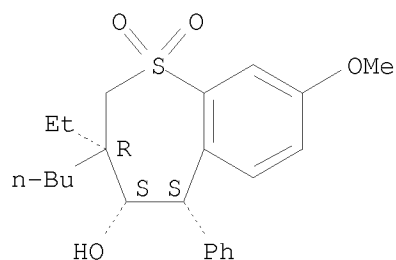
(preparation of precursors of mono- and di-fluorinated benzothiepine inhibitors of apical sodium co-dependent bile acid transport (ASBT) and taurocholate uptake for treating hyperlipidemic conditions)

RN 178678-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

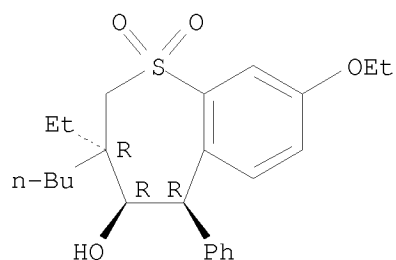
10/590,458



RN 178678-41-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

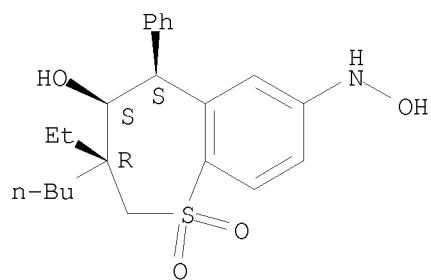
Relative stereochemistry.



RN 178678-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

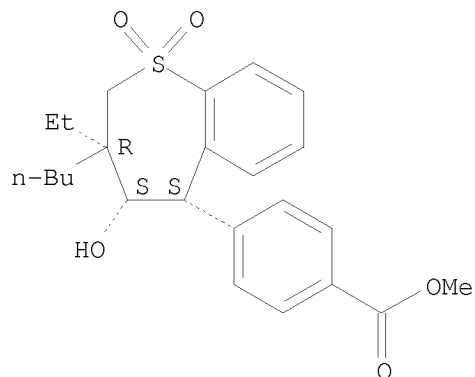


RN 178678-47-2 CAPLUS

CN Benzoic acid, 4-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

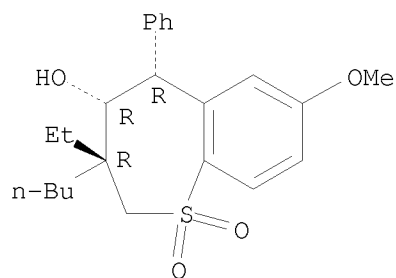
10/590,458



RN 178678-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

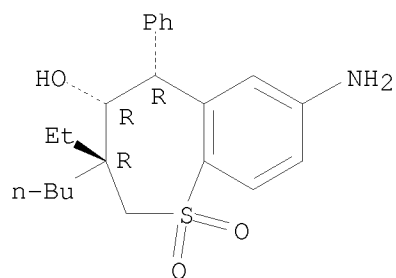
Relative stereochemistry.



RN 178678-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

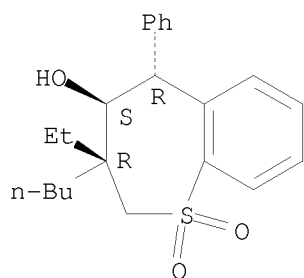


RN 178897-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

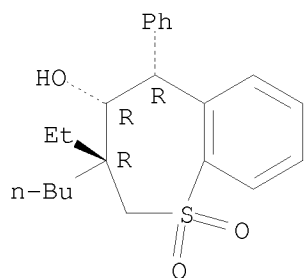
Relative stereochemistry.

10/590,458



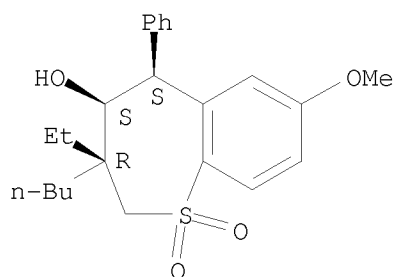
RN 178897-96-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178898-02-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

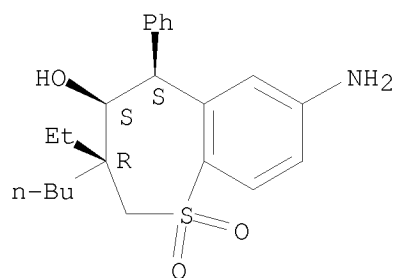
Relative stereochemistry.



RN 178898-04-9 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

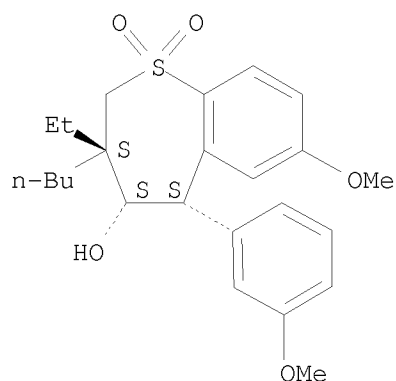
10/590,458



RN 197372-70-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

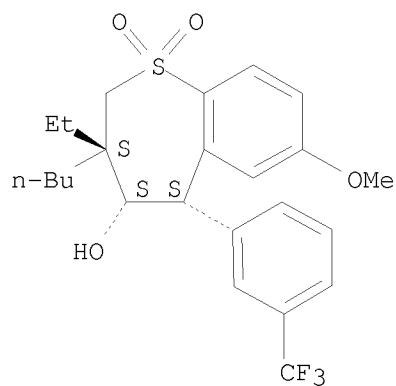
Relative stereochemistry.



RN 197372-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



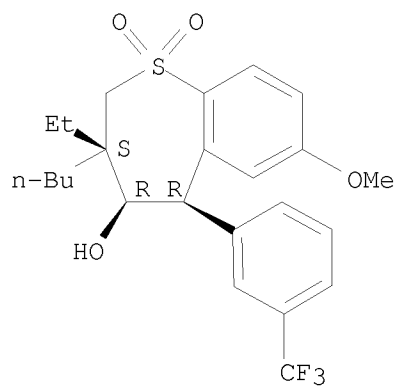
RN 197372-73-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-

10/590,458

(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

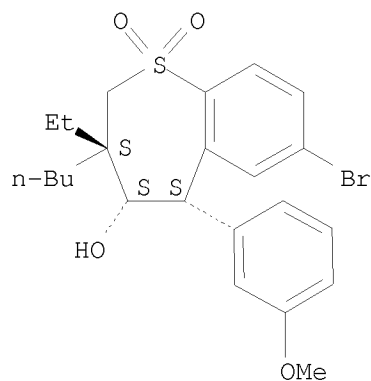
Relative stereochemistry.



RN 197372-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

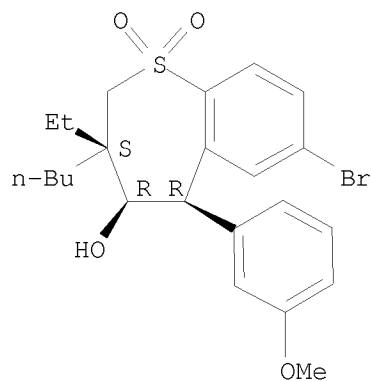


RN 197372-75-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

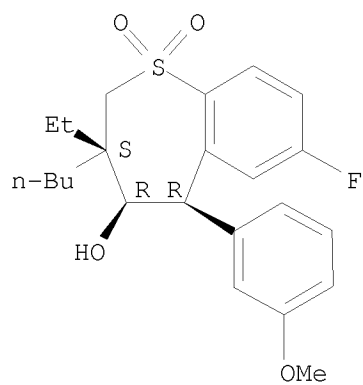
10/590,458



RN 197372-79-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

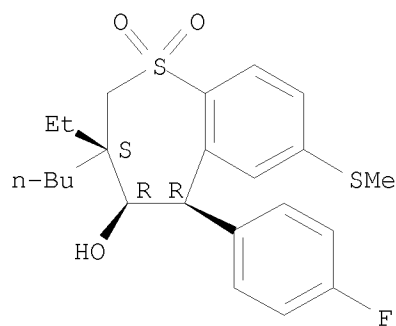
Relative stereochemistry.



RN 197372-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

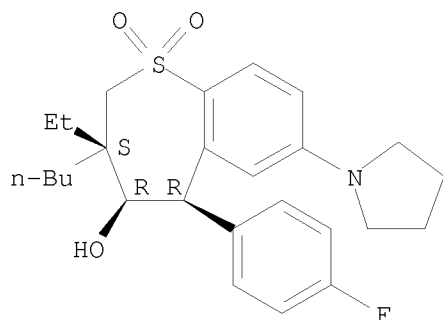


RN 197372-81-9 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

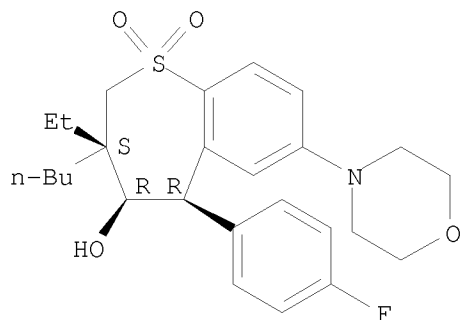
Relative stereochemistry.



RN 197372-82-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

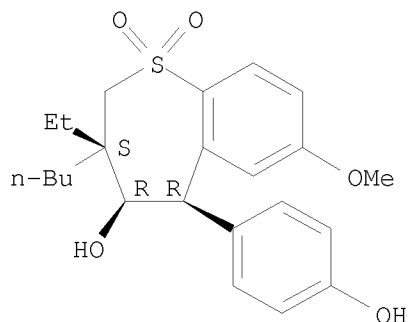
Relative stereochemistry.



RN 197372-83-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

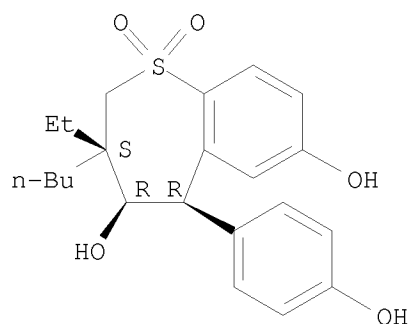


RN 197372-84-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

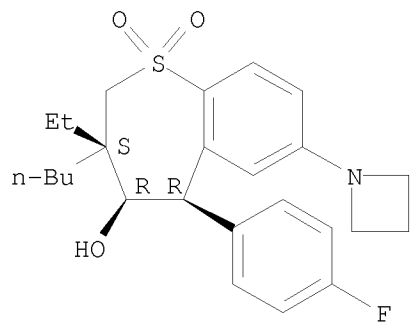
Relative stereochemistry.



RN 197372-85-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

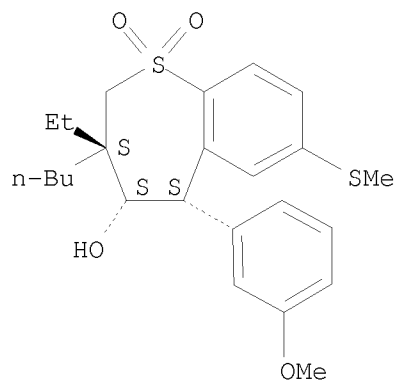


RN 197372-86-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

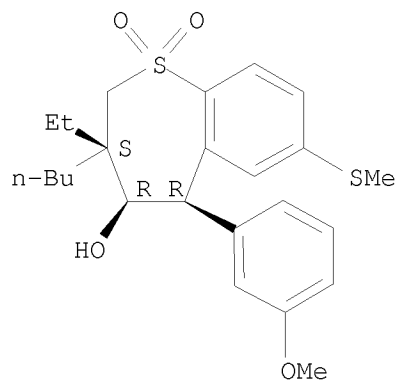
Relative stereochemistry.

10/590,458



RN 197372-87-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

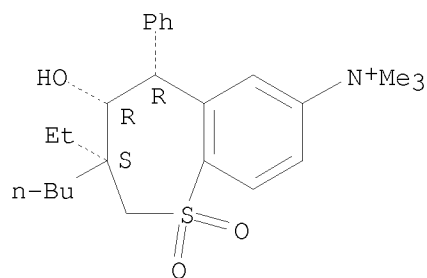
Relative stereochemistry.



RN 197372-88-6 CAPLUS
CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

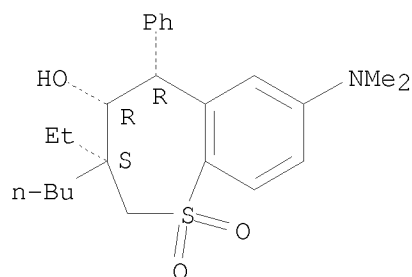
10/590,458



RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

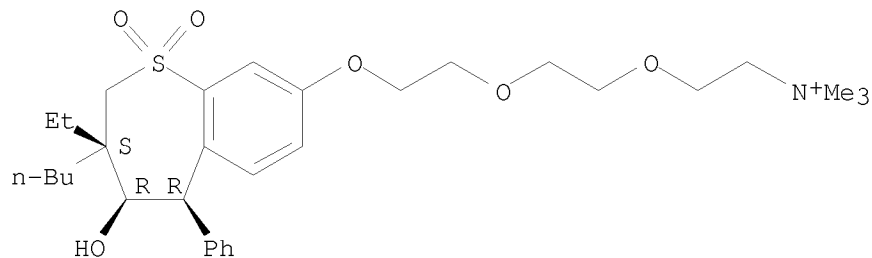
Relative stereochemistry.



RN 197373-06-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

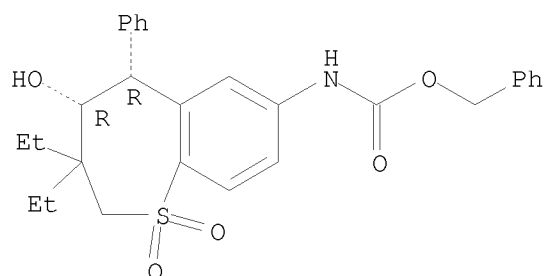


10/590,458

RN 197373-16-3 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

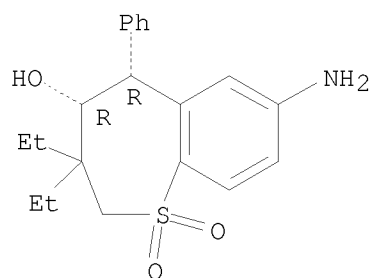
Relative stereochemistry.



RN 197373-17-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

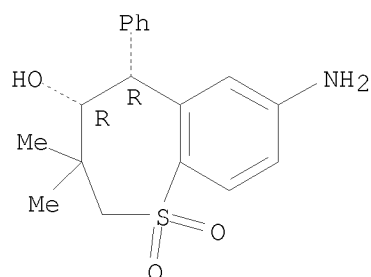
Relative stereochemistry.



RN 197373-18-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



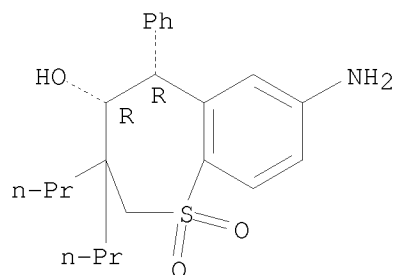
RN 197373-19-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-,

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1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

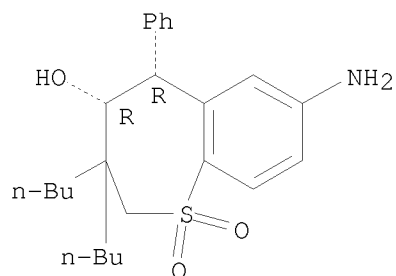
Relative stereochemistry.



RN 197373-20-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

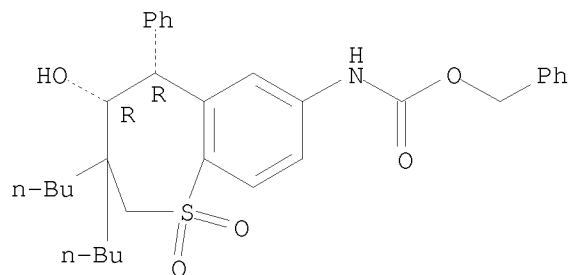
Relative stereochemistry.



RN 197373-22-1 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

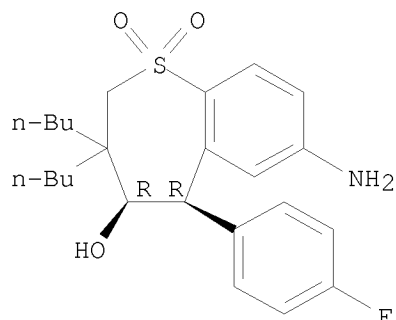


RN 197373-24-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

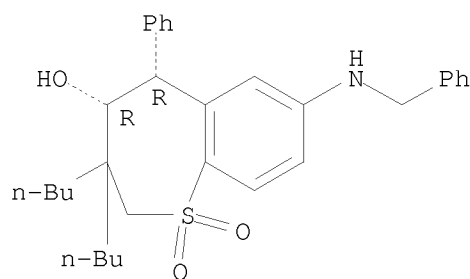
Relative stereochemistry.



RN 197373-25-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

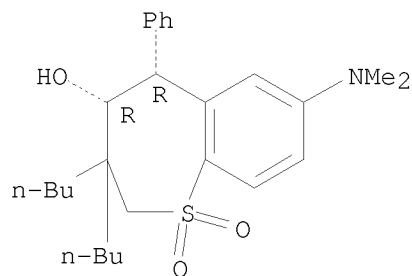
Relative stereochemistry.



RN 197373-26-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

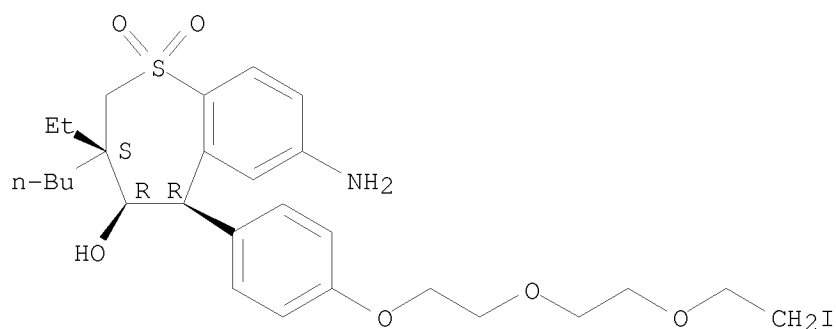


RN 197373-27-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

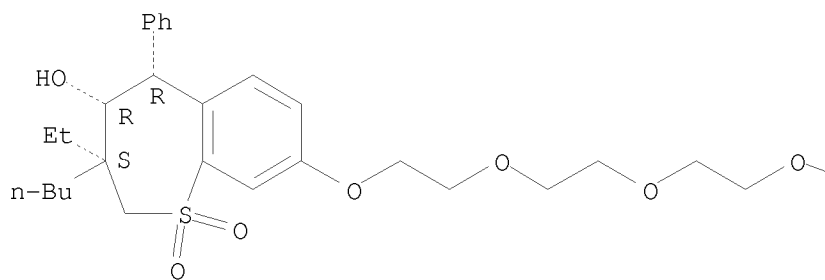


RN 197373-32-3 CAPLUS

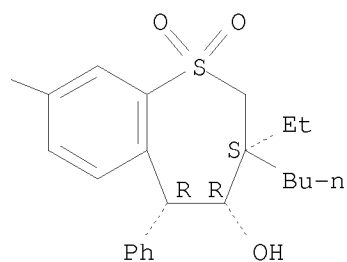
CN 1-Benzothiepin-4-ol, 8,8'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



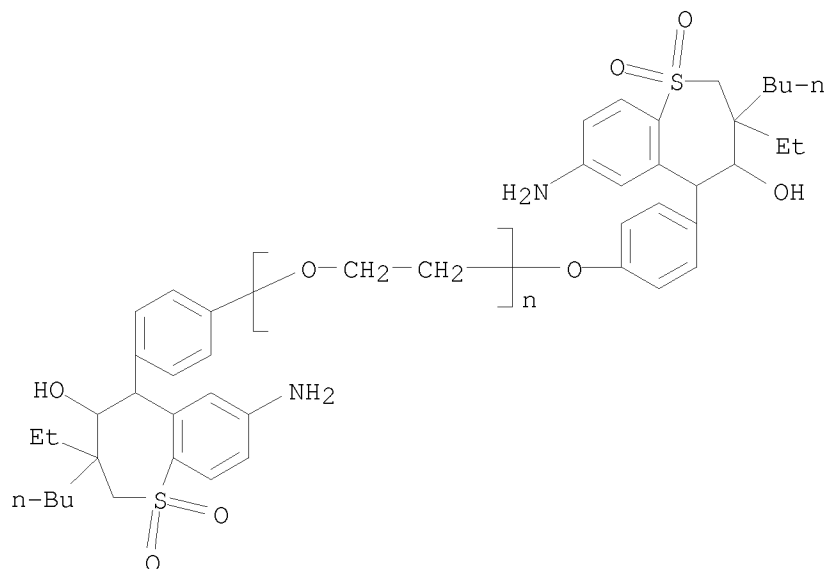
PAGE 1-B



RN 197373-35-6 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-

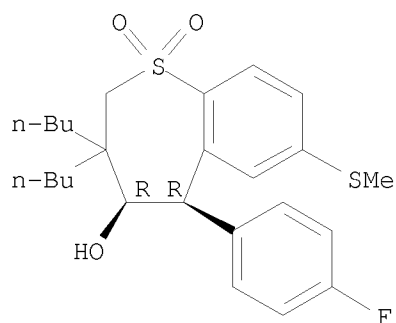
ω -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (9CI) (CA INDEX NAME)



RN 197373-38-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

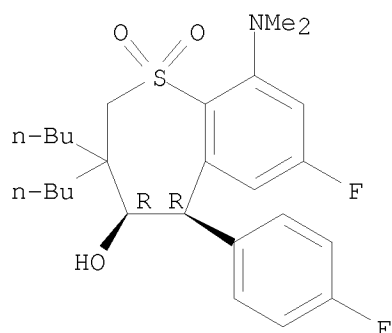


RN 197373-39-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

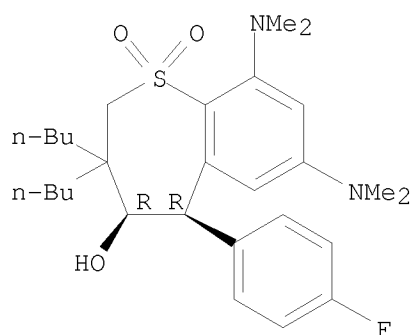
10/590,458



RN 197373-40-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

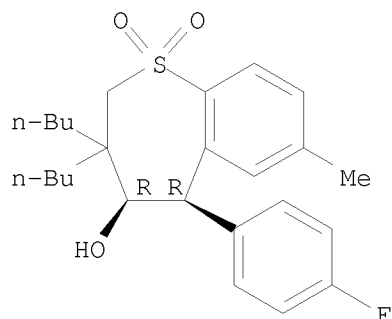
Relative stereochemistry.



RN 197373-41-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



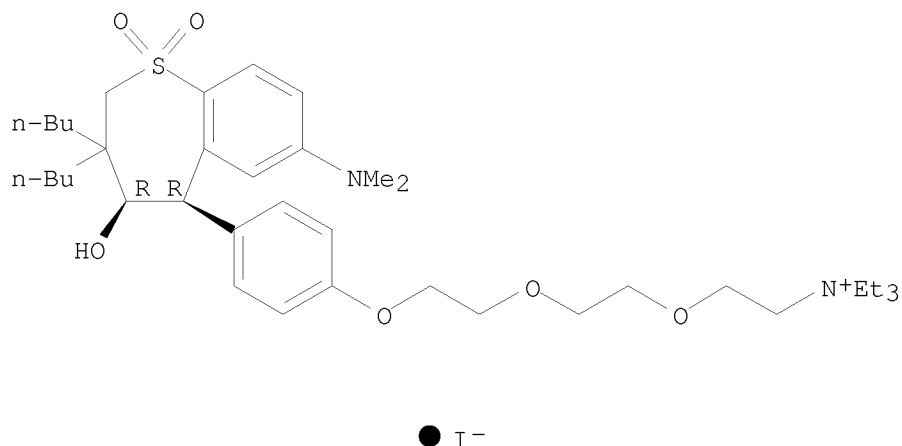
RN 197373-45-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

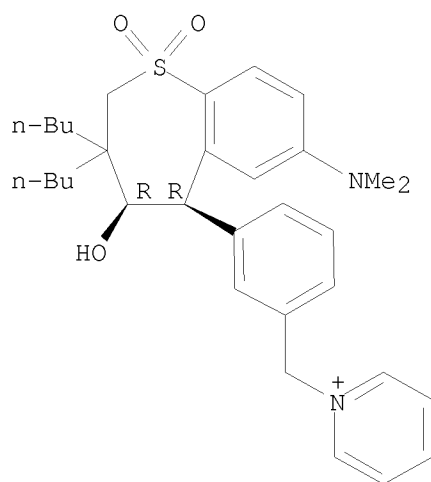
yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-48-1 CAPLUS
CN Pyridinium, 1-[[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● Br⁻

RN 197373-54-9 CAPLUS
CN 1-Pentanaminium, 5-[[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-

10/590,458

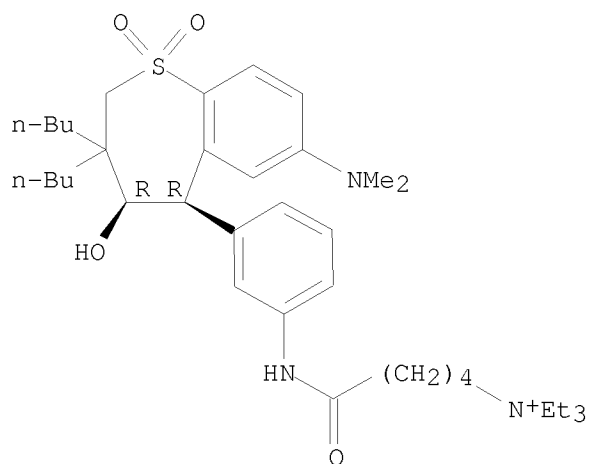
triethyl-5-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-53-8

CMF C37 H60 N3 O4 S

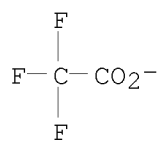
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

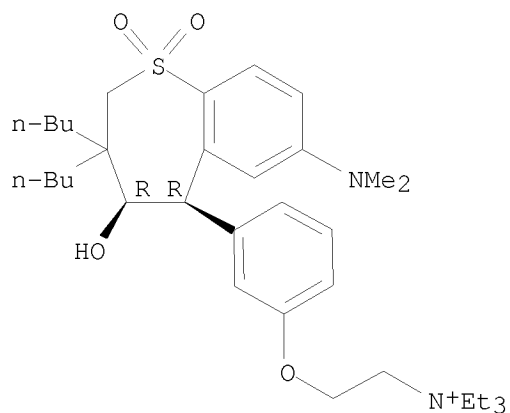


RN 197373-59-4 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

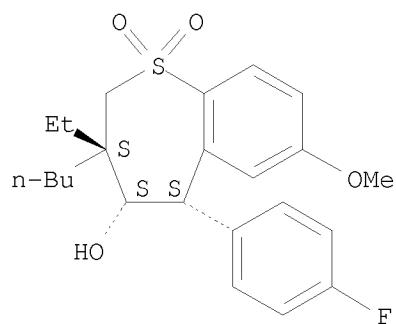
Relative stereochemistry.

10/590,458



RN 197377-85-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

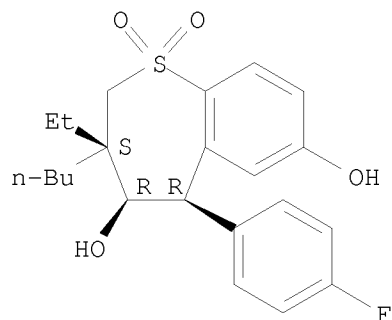
Relative stereochemistry.



RN 197377-86-9 CAPLUS
CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

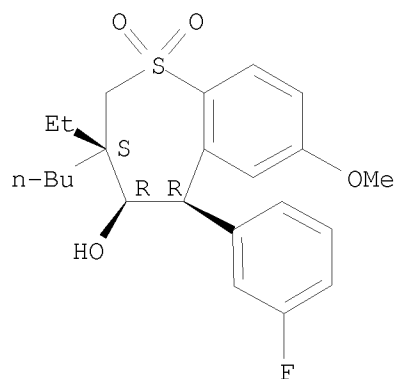
10/590,458



RN 197377-90-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

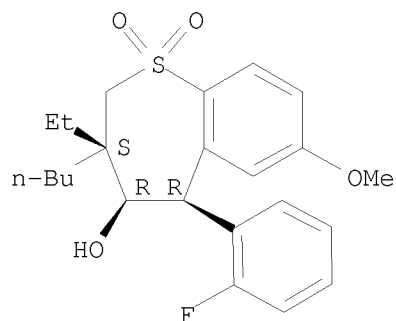
Relative stereochemistry.



RN 197377-94-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

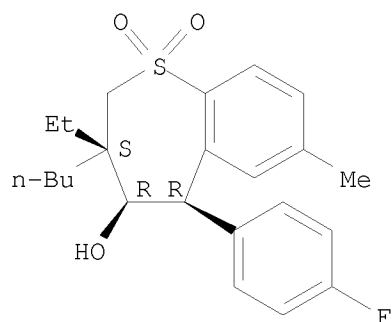


RN 197377-96-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

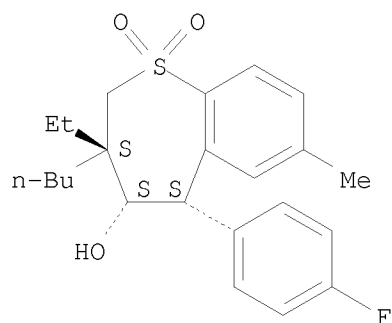
10/590,458

Relative stereochemistry.



RN 197377-98-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

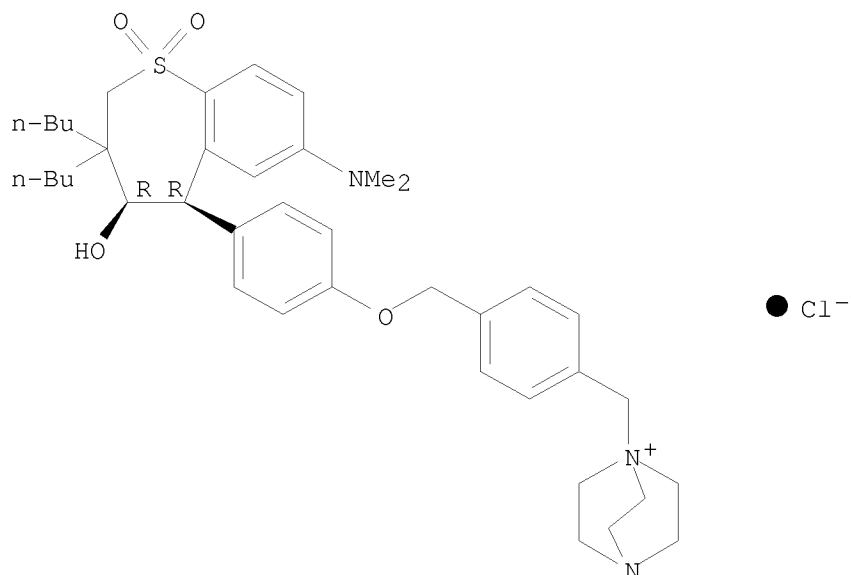
Relative stereochemistry.



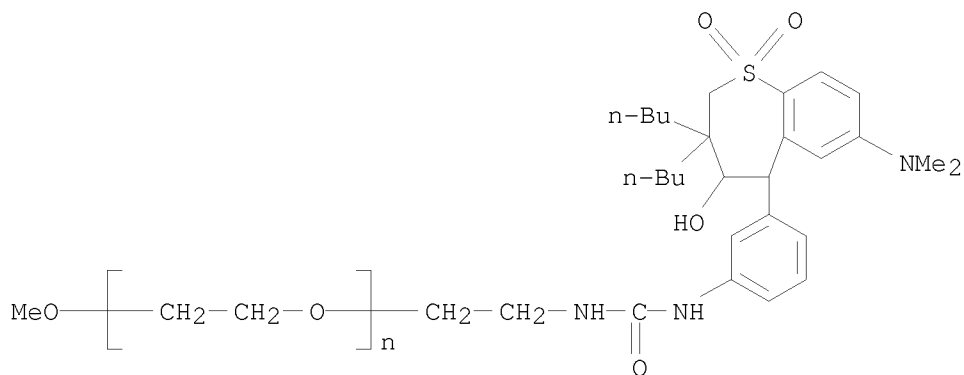
RN 228113-66-4 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

10/590,458



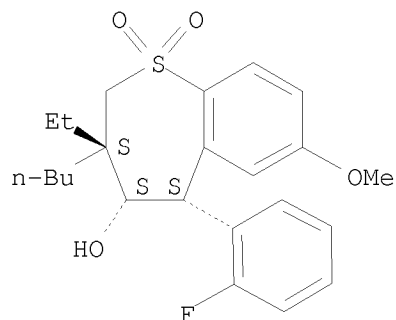
RN 280105-90-0 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]carbonyl]amino]ethyl]- ω -methoxy-, rel- (9CI) (CA INDEX NAME)



RN 289037-54-3 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

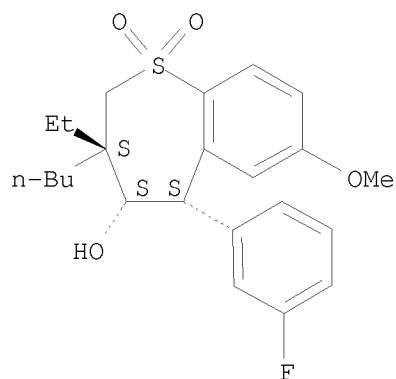
10/590,458



RN 289037-55-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

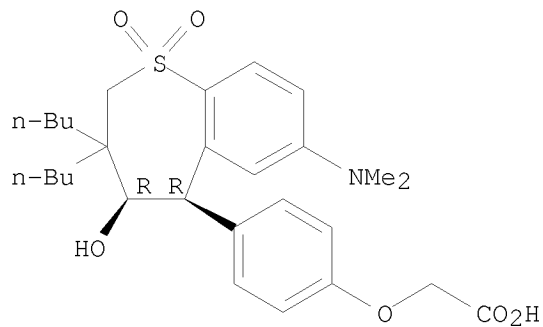
Relative stereochemistry.



RN 289037-59-8 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

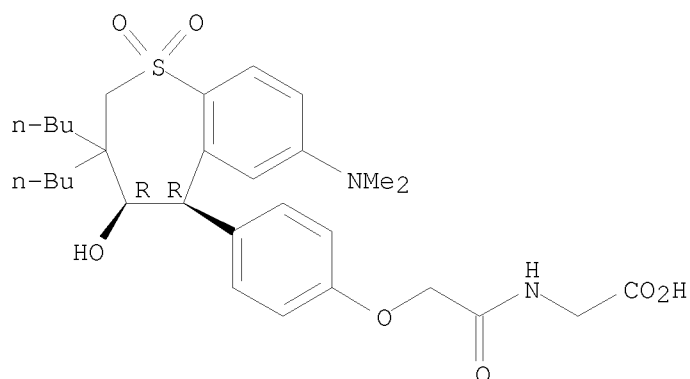


RN 289037-60-1 CAPLUS

10/590,458

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]- (9CI) (CA INDEX NAME)

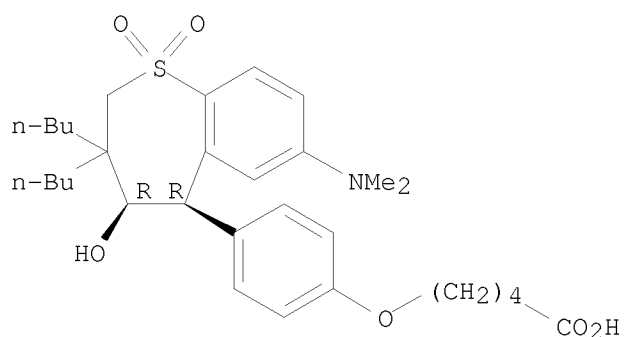
Absolute stereochemistry.



RN 289037-61-2 CAPLUS

CN	Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)
----	--

Absolute stereochemistry.

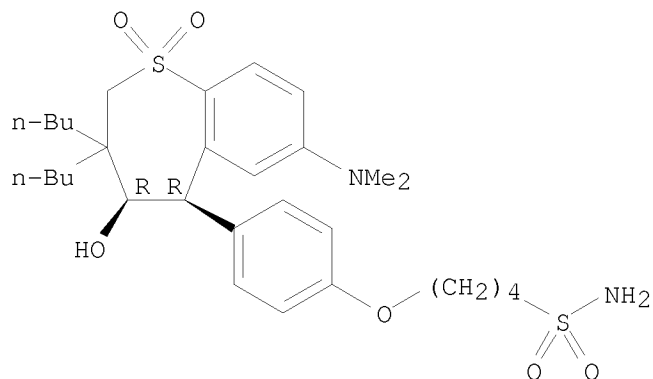


RN 289037-62-3 CAPLUS

1-Butanesulfonamide, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

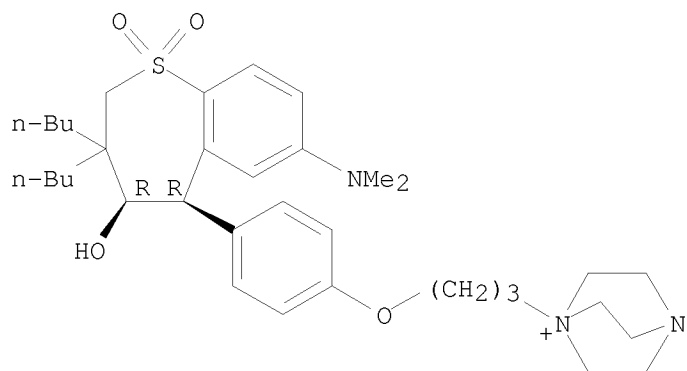


RN 289037-64-5 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, methanesulfonate
(1:1) (CA INDEX NAME)

CM 1

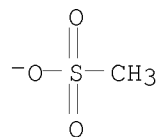
CRN 289037-63-4
CMF C35 H54 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16053-58-0
CMF C H3 O3 S



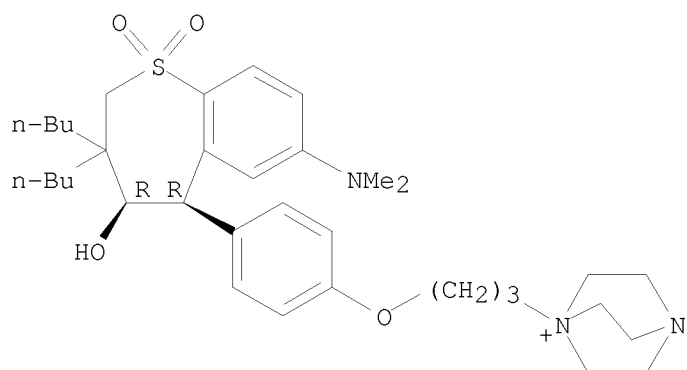
10/590,458

RN 289037-65-6 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-,
4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

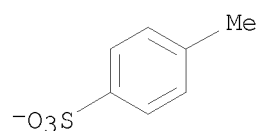
CRN 289037-63-4
CMF C35 H54 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16722-51-3
CMF C7 H7 O3 S



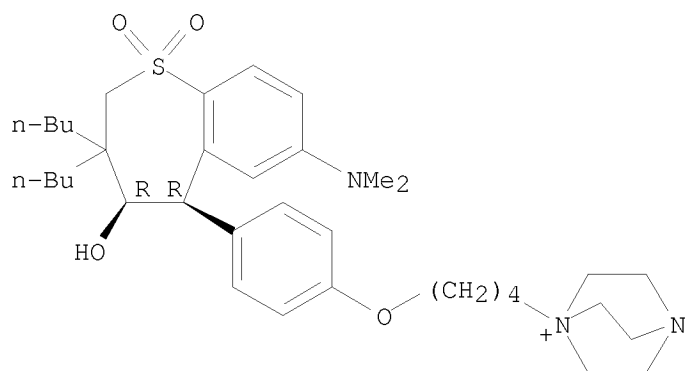
RN 289037-67-8 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate
(1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7
CMF C36 H56 N3 O4 S

Absolute stereochemistry.

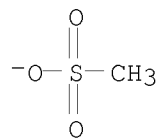
10/590,458



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-68-9 CAPLUS

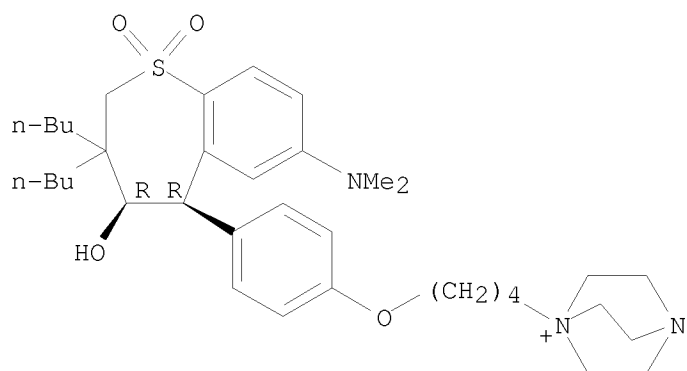
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-,
4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7

CMF C36 H56 N3 O4 S

Absolute stereochemistry.

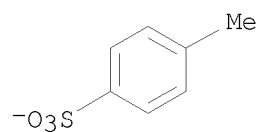


10/590,458

CM 2

CRN 16722-51-3

CMF C7 H7 O3 S



RN 289037-70-3 CAPLUS

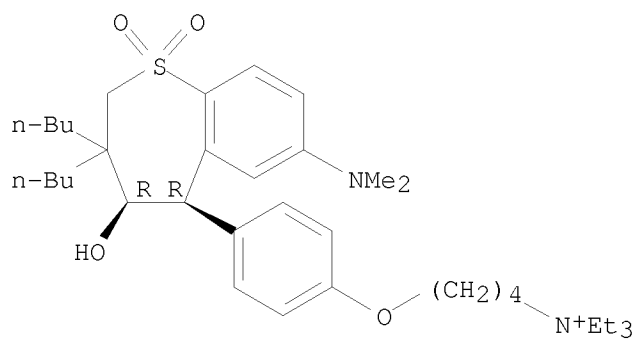
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, methanesulfonate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 289037-69-0

CMF C36 H59 N2 O4 S

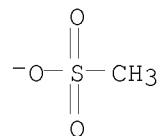
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-72-5 CAPLUS

CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

10/590,458

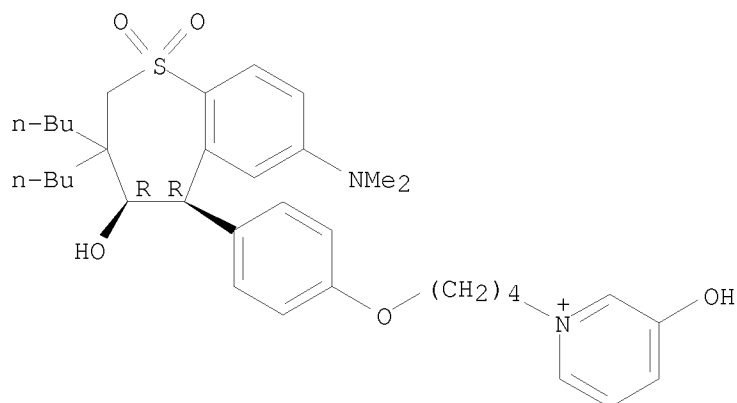
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-3-hydroxy-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-71-4

CMF C35 H49 N2 O5 S

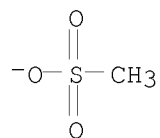
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-74-7 CAPLUS

CN Quinolinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, methanesulfonate (1:1) (CA INDEX NAME)

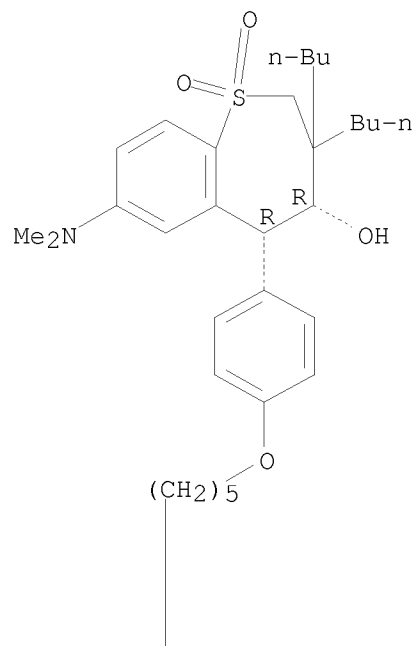
CM 1

CRN 289037-73-6

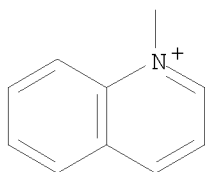
CMF C40 H53 N2 O4 S

Absolute stereochemistry.

PAGE 1-A



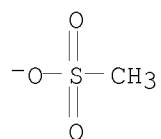
PAGE 2-A



CM 2

CRN 16053-58-0

CMF C H3 O3 S

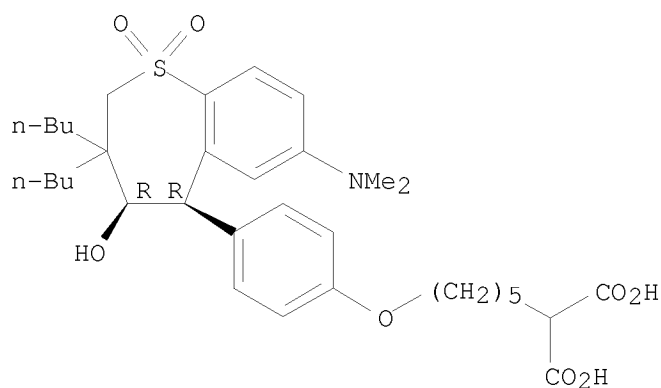


RN 289037-75-8 CAPLUS

CN Propanedioic acid, 2-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

10/590,458

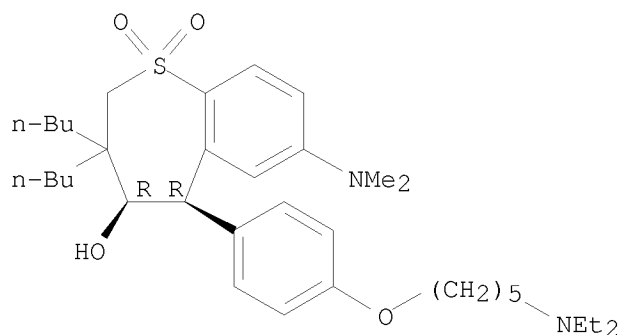
Absolute stereochemistry.



RN 289037-76-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[5-(diethylamino)pentyl]oxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

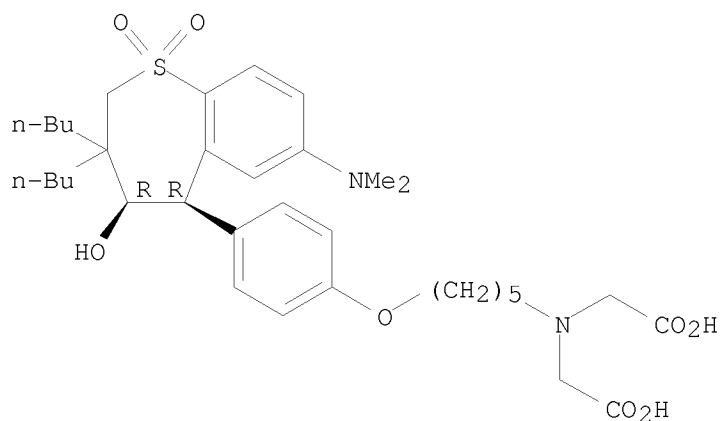


RN 289037-77-0 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

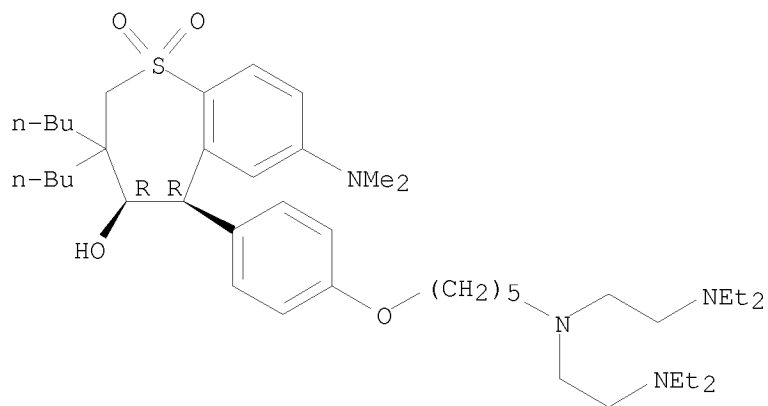
Absolute stereochemistry.

10/590,458



RN 289037-78-1 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[[5-[bis[2-(diethylamino)ethyl]amino]pentyl]oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

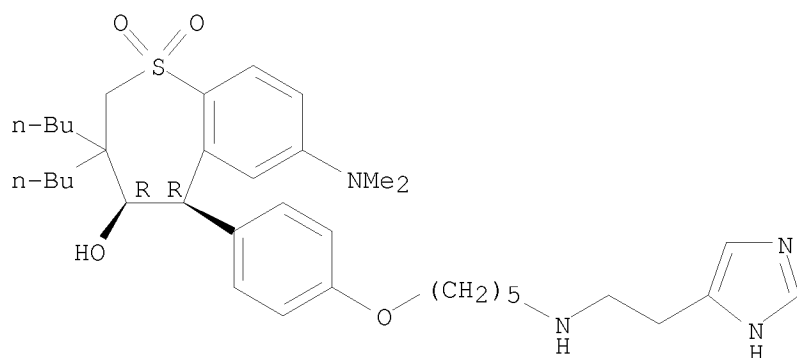
Absolute stereochemistry.



RN 289037-79-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[5-[2-(1H-imidazol-5-yl)ethyl]amino]pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

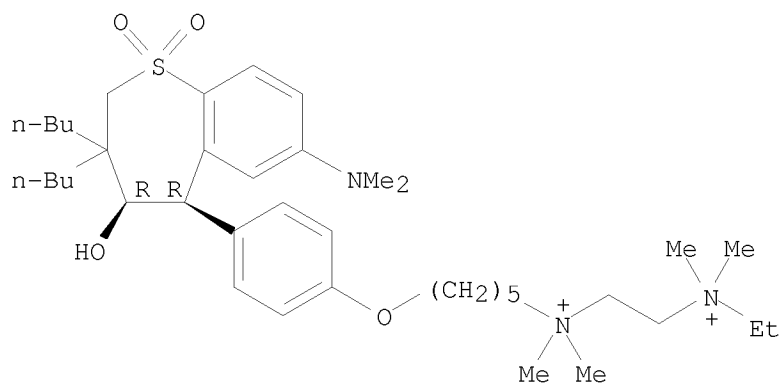
Absolute stereochemistry.

10/590,458



RN 289037-80-5 CAPLUS
 CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, chloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.

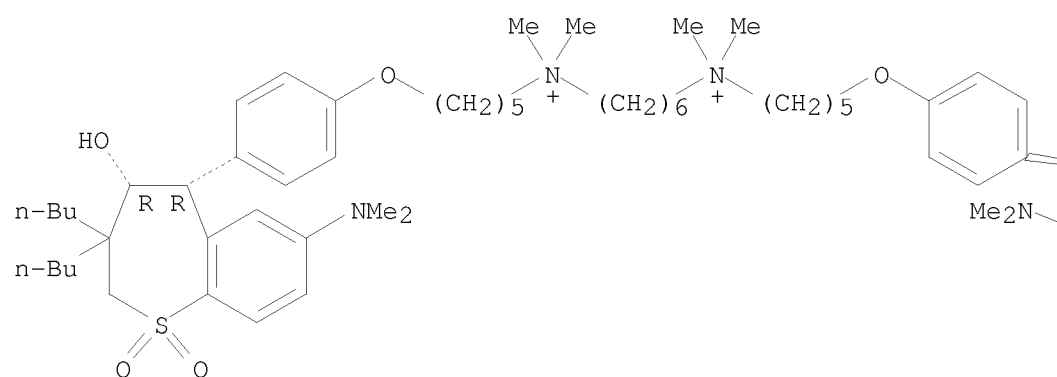


● 2 Cl⁻

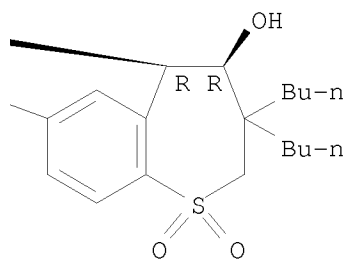
RN 289037-81-6 CAPLUS
 CN 1,6-Hexanediaminium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl-, chloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

● 2 Cl⁻

PAGE 1-B

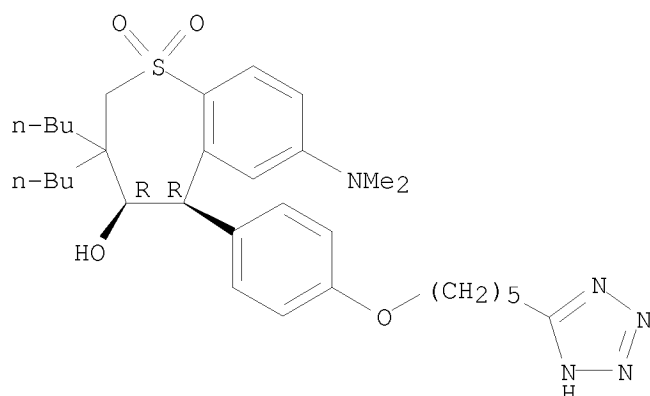


RN 289037-82-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-(2H-tetrazol-5-yl)pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA
INDEX NAME)

Absolute stereochemistry.

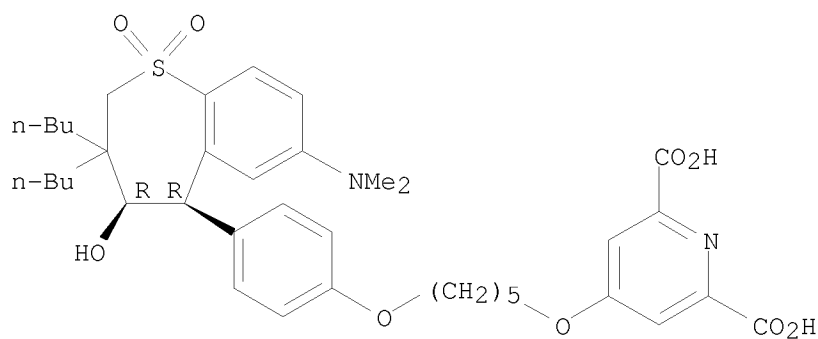
10/590,458



RN 289037-83-8 CAPLUS

CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]oxy]- (CA INDEX NAME)

Absolute stereochemistry.

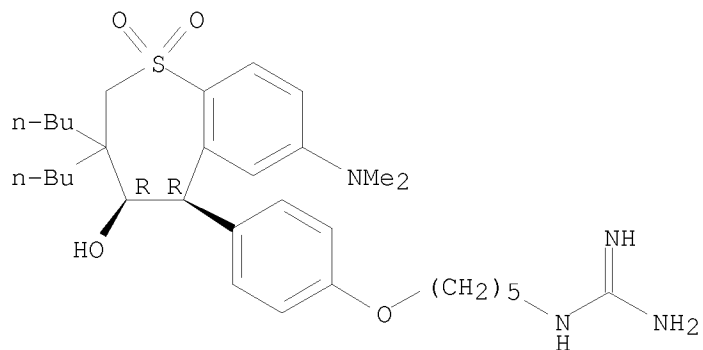


RN 289037-84-9 CAPLUS

CN Guanidine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

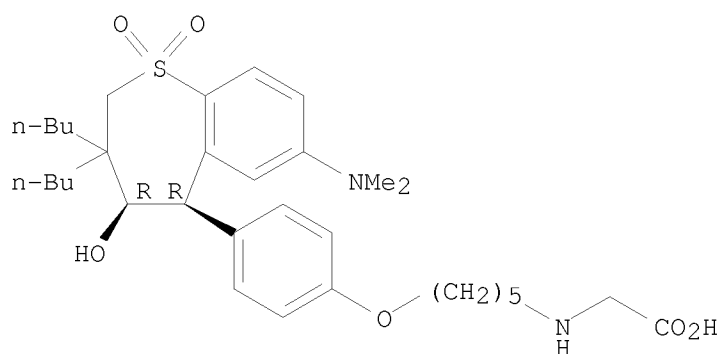
Absolute stereochemistry.

10/590,458



RN 289037-85-0 CAPLUS
CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

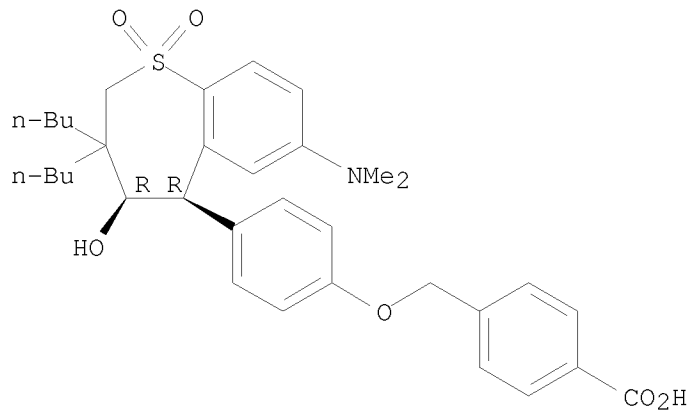
Absolute stereochemistry.



RN 289037-86-1 CAPLUS
CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

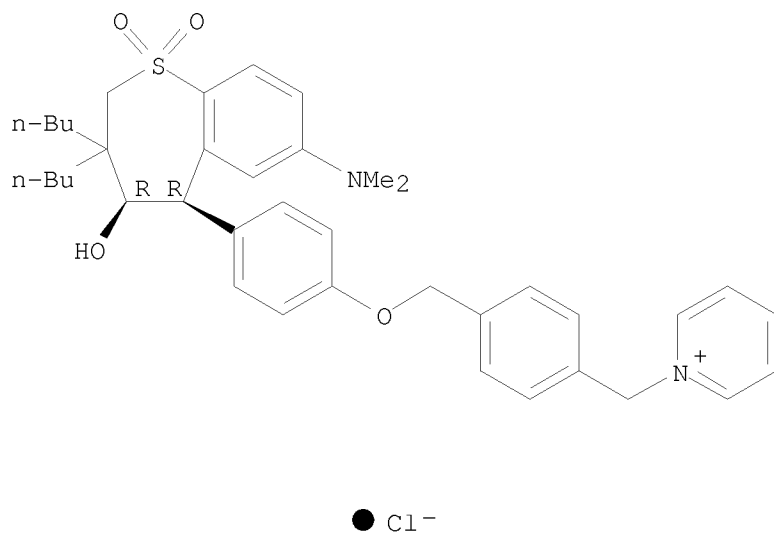
10/590,458



RN 289037-87-2 CAPLUS

CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

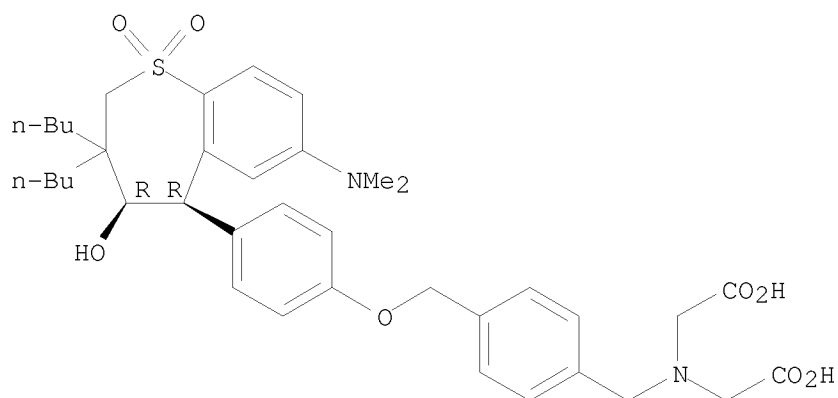


RN 289037-88-3 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

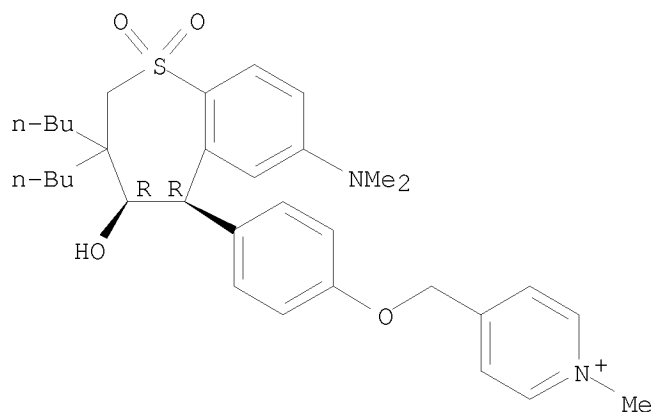


RN 289037-90-7 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-89-4
CMF C33 H45 N2 O4 S

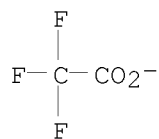
Absolute stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

10/590,458



RN 289037-91-8 CAPLUS

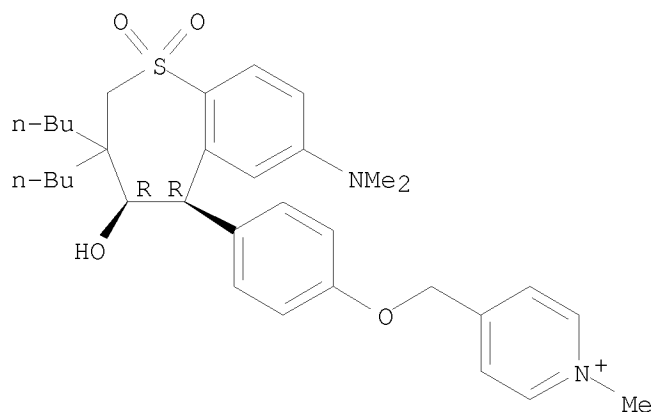
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-89-4

CMF C33 H45 N2 O4 S

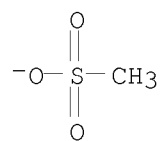
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S

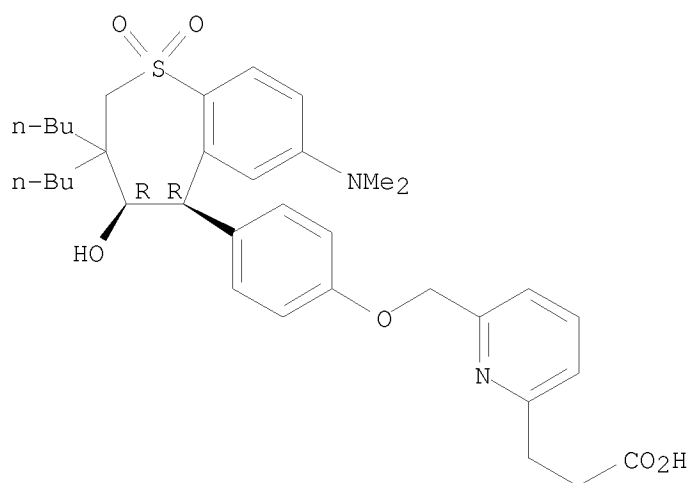


RN 289037-92-9 CAPLUS

CN 2-Pyridinepropanoic acid, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

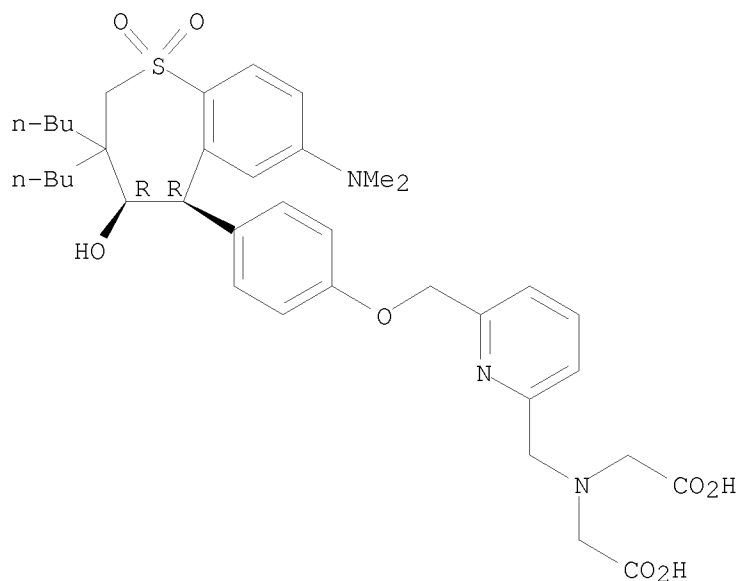
10/590,458



RN 289037-93-0 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

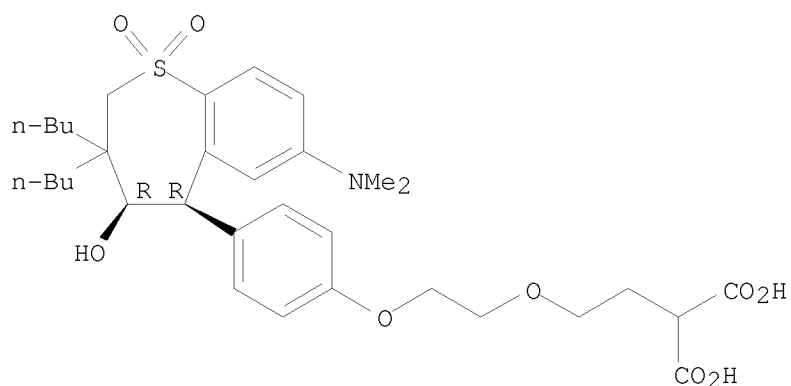


RN 289037-94-1 CAPLUS

CN Propanedioic acid, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]- (CA INDEX NAME)

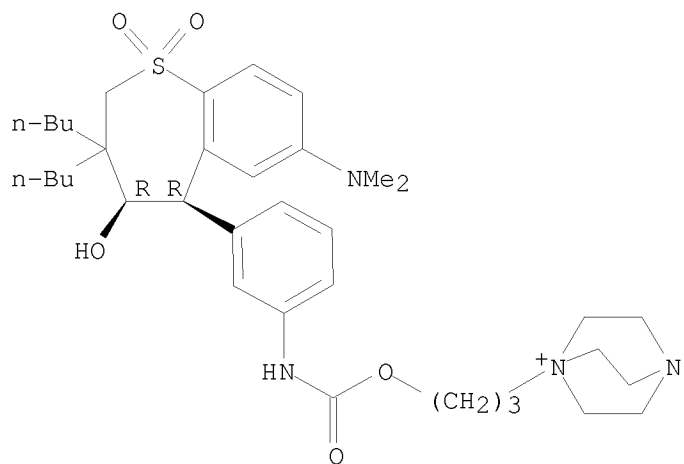
Absolute stereochemistry.

10/590,458



RN 289037-97-4 CAPLUS
 CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]carbonyl]oxy]propyl]-
 , chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

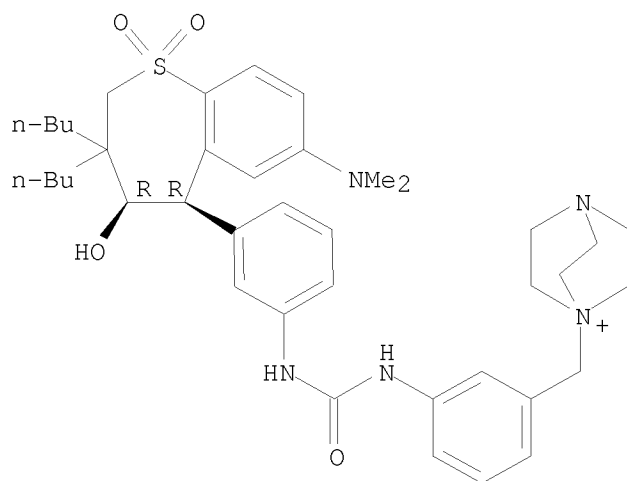


● Cl⁻

RN 289037-99-6 CAPLUS
 CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[[3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-
 yl]phenyl]amino]carbonyl]amino]phenyl]methyl]-, chloride (1:1), rel- (CA
 INDEX NAME)

Relative stereochemistry.

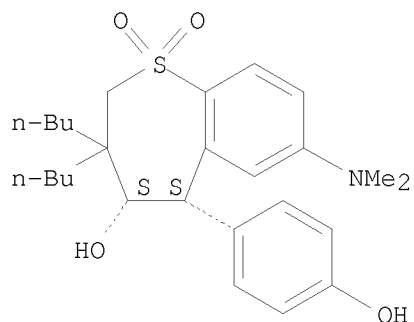
10/590,458



RN 361374-26-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

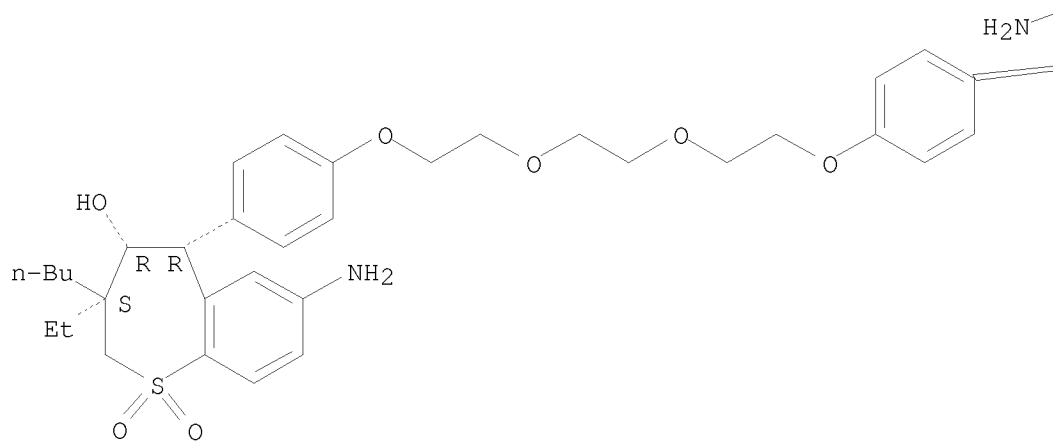


RN 525589-59-7 CAPLUS

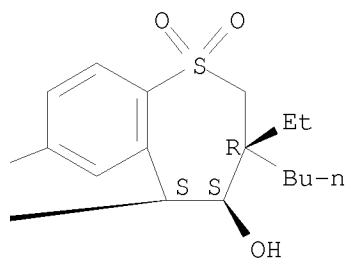
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy-4,1-phenylene]bis[7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'S,4S,4'R,5S,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



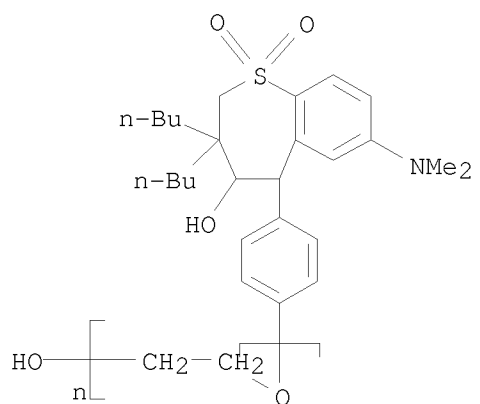
PAGE 1-B



RN 526199-85-9 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -hydroxy- (9CI) (CA INDEX NAME)

10/590,458



OS.CITING REF COUNT:	2	THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 22 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:221671 CAPLUS

DOCUMENT NUMBER: 138:238032

TITLE: Preparation of benzothiepine derivatives for potential use as ileal bile acid transport inhibitors for the treatment of hyperlipidemia

INVENTOR(S): Starke, Ingemar; Dahlstrom, Mikael Ulf Johan; Blomberg, David

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

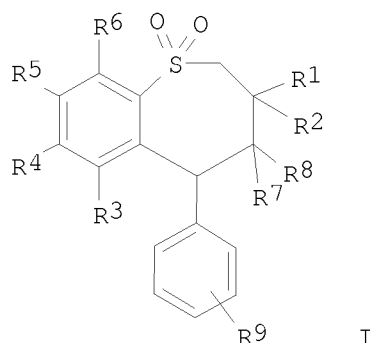
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003022830	A1	20030320	WO 2002-GB4029	20020905
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2459445	A1	20030320	CA 2002-2459445	20020905
AU 2002329386	A1	20030324	AU 2002-329386	20020905
EP 1427718	A1	20040616	EP 2002-765012	20020905
EP 1427718	B1	20061115		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012345	A	20040810	BR 2002-12345	20020905
CN 1582283	A	20050216	CN 2002-822177	20020905
CN 100360519	C	20080109		
JP 2005506328	T	20050303	JP 2003-526905	20020905
NZ 531798	A	20051125	NZ 2002-531798	20020905
AT 345336	T	20061215	AT 2002-765012	20020905
ES 2275000	T3	20070601	ES 2002-765012	20020905
NO 2004000945	A	20040304	NO 2004-945	20040304
ZA 2004001797	A	20050419	ZA 2004-1797	20040304
MX 2004002188	A	20040629	MX 2004-2188	20040305
US 20050043393	A1	20050224	US 2004-489010	20041021
US 7226943	B2	20070605		
PRIORITY APPLN. INFO.:			GB 2001-21622	A 20010907
			WO 2002-GB4029	W 20020905
OTHER SOURCE(S):			MARPAT 138:238032	
GI				



AB Benzothiepine I, wherein R1 and R2 are selected from hydrogen, alkyl, alkenyl, and the other is selected from alkyl, alkenyl; R3 and R6 and the other of R4 and R5 are independently selected from hydrogen, halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, alkyl, alkenyl, alkynyl, alkoxy, alkanoyl, alkanoyloxy, N-(alkyl)amino, N,N-(alkyl)2amino, alkanoylamino, N-(alkyl)carbamoyl, N,N-(alkyl)2carbamoyl, alkyl-S(O)a wherein a is 0 to 2, alkoxy carbonyl, N-(alkyl)sulphamoyl and N,N-(alkyl)2sulphamoyl; wherein R3 and R6 and the other of R4 and R5 may be optionally substituted on carbon; R7 and R8 are independently H, OH, amino, mercapto, alkyl, alkoxy, alkyl-S(O)a wherein a is 0 to 2; R9 is (Rz)v; Rz is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, alkyl, alkenyl, alkynyl, alkoxy, alkanoyl, alkanoyloxy, N-(alkyl)amino, N,N-(alkyl)2amino, alkanoylamino, N-(alkyl)carbamoyl, N,N-(alkyl)2carbamoyl, alkyl-S(O)a wherein a is 0 to 2, alkoxy carbonyl, N-(alkyl)sulphamoyl and N,N-(alkyl)2sulphamoyl; v is 0-5; variable groups are as defined within; pharmaceutically acceptable salts, solvates, solvates of such salts and prodrugs thereof and their potential use as ileal bile acid transport (IBAT) inhibitors for the treatment of hyperlipidemia. Processes for their manufacture and pharmaceutical compns. containing them are also described.

Thus, 1,1-Dioxo-3-butyl-3-ethyl-4-hydroxy-5-phenyl-7-(N-{(R)- α -[N-(carboxymethyl)carbamoyl]benzyl}carbamoylmethylthio)-2,3,4,5-tetrahydro-1,4-benzothiepine was prepared and tested as ileal bile acid transport inhibitor and for the treatment of hyperlipidemia (no data).

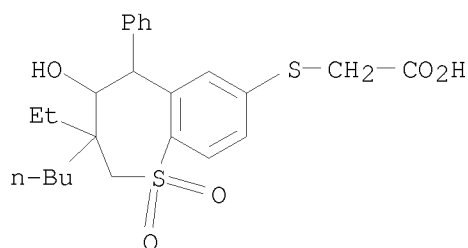
IT 501923-60-0P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of benzothiepine derivs. for potential use as ileal bile acid transport inhibitors for the treatment of hyperlipidemia)

RN 501923-60-0 CAPLUS

CN Acetic acid, 2-[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]- (CA INDEX NAME)



IT 501923-58-6P 501923-59-7P 501947-90-6P

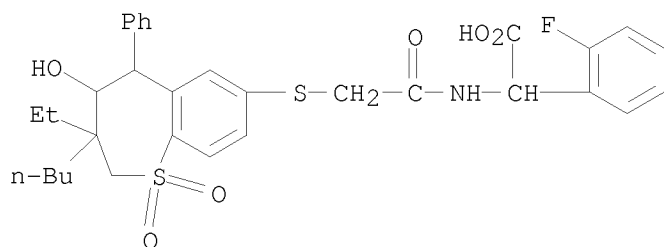
501947-91-7P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of benzothiepine derivs. for potential use as ileal bile acid transport inhibitors for the treatment of hyperlipidemia)

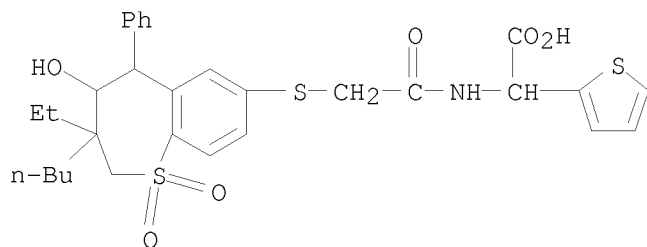
RN 501923-58-6 CAPLUS

CN Benzeneacetic acid, α -[[2-[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]amino]-2-fluoro- (CA INDEX NAME)



RN 501923-59-7 CAPLUS

CN 2-Thiopheneacetic acid, α -[[2-[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]amino]- (CA INDEX NAME)

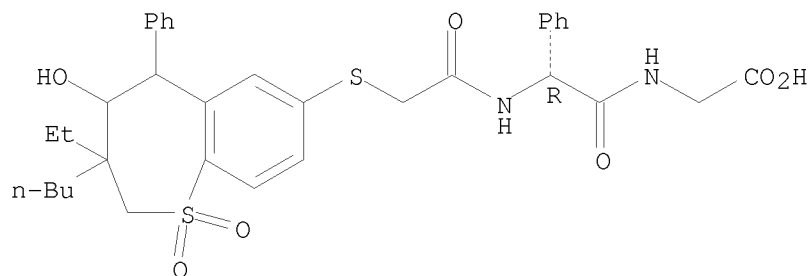


RN 501947-90-6 CAPLUS

CN Glycine, (2R)-N-[[[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]-2-phenylglycyl]- (9CI) (CA INDEX NAME)

10/590,458

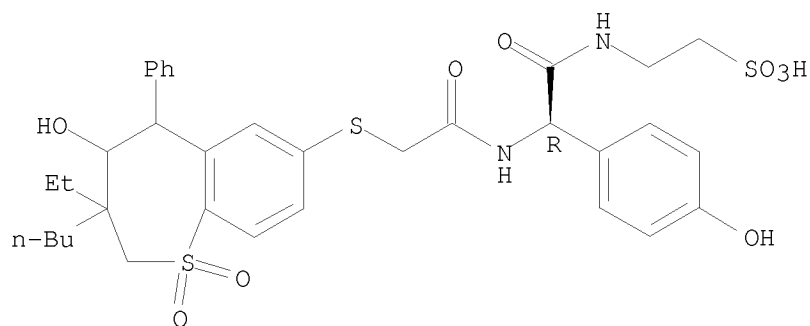
Absolute stereochemistry.



RN 501947-91-7 CAPLUS

CN Ethanesulfonic acid, 2-[[[(2R)-2-[[2-[(3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl)thio]acetyl]amino]-2-(4-hydroxyphenyl)acetyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.



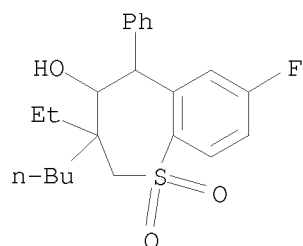
IT 501923-61-1

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of benzothiepine derivs. for potential use as ileal bile acid transport inhibitors for the treatment of hyperlipidemia)

RN 501923-61-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

10/590,458

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 23 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:221650 CAPLUS

DOCUMENT NUMBER: 139:323443

TITLE: Method for the preparation and recrystallization of crystalline tetrahydrobenzothiepine dioxides of high purity

INVENTOR(S): Mudipalli, Partha S.; Pozzo, Mark J.; Park, Jung Min

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 208 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

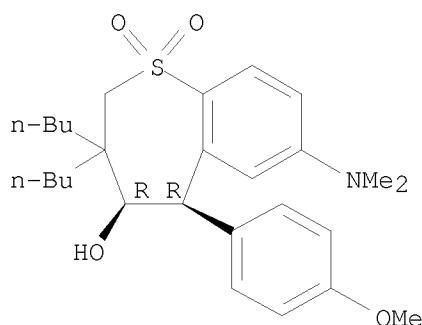
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003022804	A2	20030320	WO 2002-US26877	20020823
WO 2003022804	A9	20031218		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2460330	A1	20030320	CA 2002-2460330	20020823
AU 2002332638	A1	20030324	AU 2002-332638	20020823
US 20030199515	A1	20031023	US 2002-226229	20020823
EP 1425279	A2	20040609	EP 2002-798091	20020823
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
BR 2002012495	A	20040824	BR 2002-12495	20020823
JP 2005502702	T	20050127	JP 2003-526880	20020823
MX 2004002455	A	20040629	MX 2004-2455	20040312
PRIORITY APPLN. INFO.:			US 2001-318334P	P 20010912
			WO 2002-US26877	W 20020823
OTHER SOURCE(S):	MARPAT 139:323443			
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The present invention provides an improved process for the preparation of single crystals of apical sodium co-dependent bile acid transport (ASBT) inhibitors I•X- [wherein R1 and R2 = hydrocarbyl; R3-R5 = independently H or hydrocarbyl optionally interrupted by O, N, or S; or 2 or more R3-R5 taken together with the atom to which they are attached form a cyclic moiety; R9 = H, hydrocarbyl, hydroxyalkyl, (poly)alkoxyalkyl, (alkyl)aminoalkyl, amminioalkyl, (quaternary) heterocyclyl, (quaternary) heteroaryl, OR3, NR3R4, NR4R4R5+A-, SR3, SOR3, SO2R3, SO3R3, oxo, CO2R3, CN, halo, NCO, CONR3R4, SO2M, SO2NR3R4, PO(OR23)OR24, PR3R4R5+A-,

- SR3R4+A-, or CO2M; R23 and R24 = independently R3 or M; n = 0-4; X- and A- = pharmaceutically acceptable anions; M = pharmaceutically acceptable cations; and enantiomers thereof] having purity $\geq 99\%$ by weight and levels of solvent impurities $\leq 1\%$. The recrystn. process comprises the steps of (1) solubilizing the compound under an inert atmosphere in a solvent system of H2O and a water-miscible solvent, e.g. acetone, acetonitrile, Me Et ketone, or THF, with optional addition of a basic additive, (2) adjusting the H2O concentration from about 0.5% to about 7% by volume in the solvent system under an inert atmosphere to recrystallize the compound, and (3) separating the non-hygroscopic single crystal from the solvent system. In addition, the complete synthesis of the ASBT inhibitor (4R,5R)-II•Cl- in a multi-step sequence starting from 2-chloro-5-nitrobenzoic acid, anisole, and di-Et dibutylmalonate is given. The synthesis involves the cyclization of the 1-(2,2-dibutyl-3-oxopropylsulfonyl)-2-[(4-methoxyphenyl)methyl]-4-dimethylaminobenzene intermediate (89%) and resolution of the resulting tetrahydrobenzothiepine dioxide, followed by further substitution. Two crystalline forms of (4R,5R)-II•Cl- are characterized by a number of means, including X-ray powder diffraction, differential scanning calorimetry profiles, and water sorption isotherms. A detailed recrystn. procedure with various options, giving yields of $\geq 85\%$ and purity of $\geq 99.0\%$, is also described.
- IT 197373-42-5P, cis-3,3-Dibutyl-7-(dimethylamino)-1,1-dioxido-4-hydroxy-5-(4-methoxyphenyl)-2,3,4,5-tetrahydrobenzothiepine
 RL: IMF (Industrial manufacture); PEP (Physical, engineering or chemical process); PYP (Physical process); PREP (Preparation); PROC (Process) (intermediate; preparation and recrystn. of crystalline tetrahydrobenzothiepine dioxides of high purity)
- RN 197373-42-5 CAPLUS
- CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



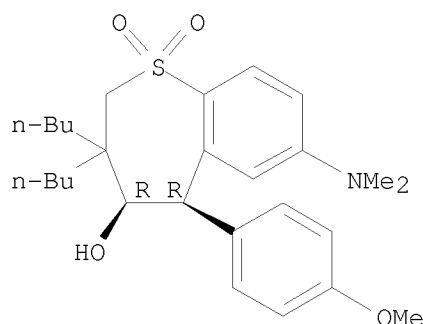
- IT 228113-64-2P, (4R,5R)-3,3-Dibutyl-7-(dimethylamino)-1,1-dioxido-4-hydroxy-5-(4-methoxyphenyl)-2,3,4,5-tetrahydrobenzothiepine
 361373-74-2P, (4S,5S)-3,3-Dibutyl-7-(dimethylamino)-1,1-dioxido-4-hydroxy-5-(4-methoxyphenyl)-2,3,4,5-tetrahydrobenzothiepine
 RL: IMF (Industrial manufacture); PUR (Purification or recovery); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent) (intermediate; preparation and recrystn. of crystalline tetrahydrobenzothiepine dioxides of high purity)

10/590,458

RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

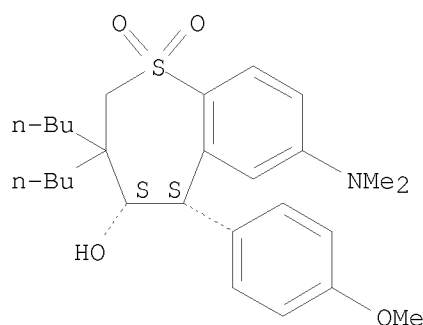
Absolute stereochemistry.



RN 361373-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.



IT 228113-65-3P, (4R,5R)-3,3-Dibutyl-7-(dimethylamino)-1,1-dioxido-4-hydroxy-5-(4-hydroxyphenyl)-2,3,4,5-tetrahydrobenzothiepine

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

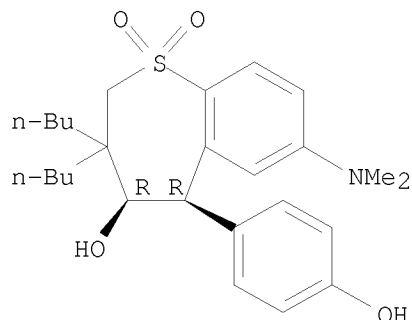
(intermediate; preparation and recrystn. of crystalline tetrahydrobenzothiepinedioxides of high purity)

RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458



IT 228113-66-4P

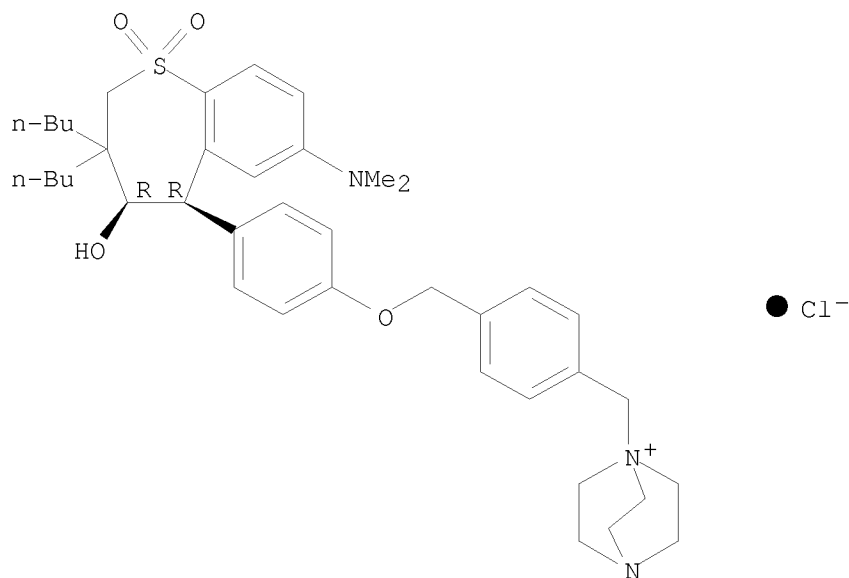
RL: IMF (Industrial manufacture); PRP (Properties); PUR (Purification or recovery); PREP (Preparation)

(preparation and recrystn. of crystalline tetrahydrobenzothiepine dioxides of high purity)

RN 228113-66-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



IT 289038-78-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation and recrystn. of crystalline tetrahydrobenzothiepine dioxides of high purity)

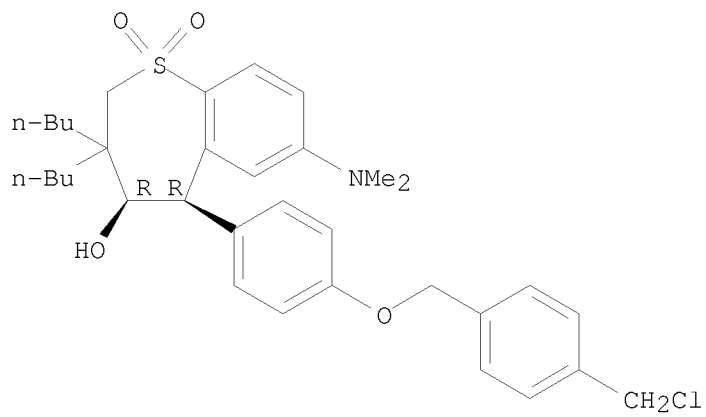
RN 289038-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-

10/590,458

(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-
, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



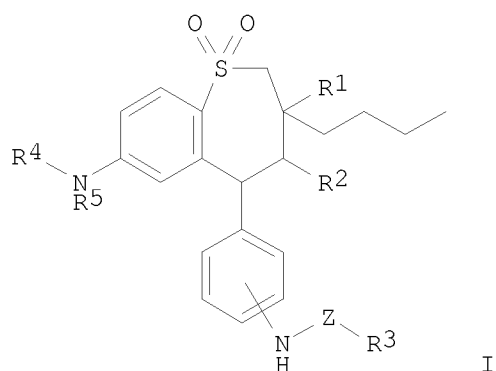
REFERENCE COUNT:

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THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

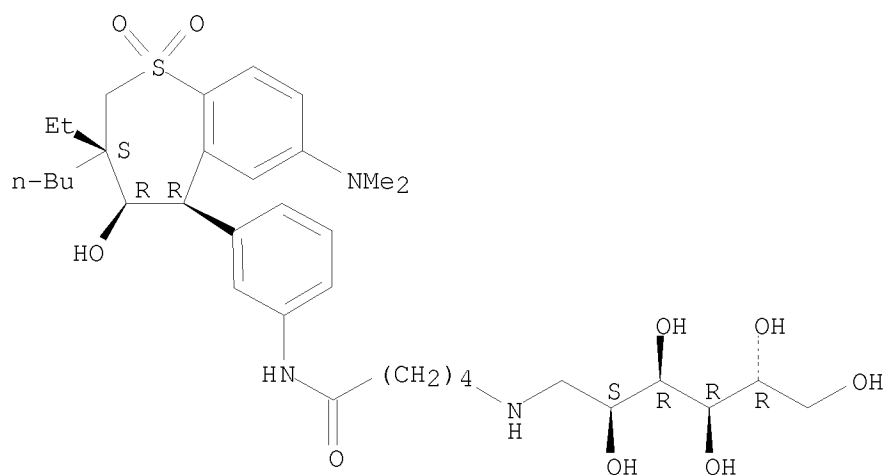
L17 ANSWER 24 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2003:173440 CAPLUS
 DOCUMENT NUMBER: 138:215326
 TITLE: Combined preparations, containing
 1,4-benzothiepine-1,1-dioxide derivatives and other
 active substances for the treatment of hyperlipidemia
 INVENTOR(S): Glombik, Heiner; Frick, Wendelin; Schaefer,
 Hans-Ludwig; Kramer, Werner
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany
 SOURCE: PCT Int. Appl., 40 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003018024	A1	20030306	WO 2002-EP8908	20020809
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10140169	A1	20030306	DE 2001-10140169	20010822
DE 10142456	A1	20030320	DE 2001-10142456	20010831
CA 2457976	A1	20030306	CA 2002-2457976	20020809
AU 2002333373	A1	20030310	AU 2002-333373	20020809
AU 2002333373	B2	20061214		
EP 1425018	A1	20040609	EP 2002-796213	20020809
EP 1425018	B1	20081022		
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BR 2002012031	A	20040803	BR 2002-12031	20020809
JP 2005501861	T	20050120	JP 2003-522542	20020809
NZ 531293	A	20050826	NZ 2002-531293	20020809
RU 2297222	C2	20070420	RU 2004-108119	20020809
HU 2004001318	A3	20080328	HU 2004-1318	20020809
MX 2004001328	A	20040505	MX 2004-1328	20040212
NO 2004000702	A	20040519	NO 2004-702	20040218
IN 2004CN00347	A	20051223	IN 2004-CN347	20040219
PRIORITY APPLN. INFO.:			DE 2001-10140169	A 20010822
			DE 2001-10142456	A 20010831
			DE 2001-10140170	A 20010822
			WO 2002-EP8908	W 20020809
OTHER SOURCE(S):	MARPAT 138:215326			
GI				



- AB The invention relates to mixts. of substances, containing 1,4-benzothiepine-1,1-dioxide derivs. of formula (I), in which the functional groups have the indicated meanings, their physiol. acceptable salts and physiol. functional derivs. as well as other active substances for the treatment of metabolic disorders especially hyperlipidemia. The combinations can also include antidiabetics, antiarthrytics etc. A typical capsule contains 100 mg of the drugs and 400 mg triglyceride mixture from coco fatty acids; other formulations are emulsions, tablets, dragees, and solns. Hamster that were fed with cholesterol-rich feed received orally the drug combination once daily for 10 days. Feces was analyzed for bile acids, blood lipid levels were measured and cholesterol was determined from liver.
- IT 252047-40-8
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (combined prepns., containing 1,4-benzothiepine-1,1-dioxide derivs. and other active substances for treatment of hyperlipidemia)
- RN 252047-40-8 CAPLUS
- CN D-Glucitol, 1-[[5-[[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]amino]-1-deoxy- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT:	7	THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 25 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:827165 CAPLUS

DOCUMENT NUMBER: 138:362455

TITLE: Inhibition of the apical sodium-dependent bile acid transporter reduces LDL cholesterol and apoB by enhanced plasma clearance of LDL apoB

AUTHOR(S): Huff, Murray W.; Telford, Dawn E.; Edwards, Jane Y.; Burnett, John R.; Barrett, P. Hugh R.; Rapp, Stephen R.; Napawan, Nida; Keller, Bradley T.

CORPORATE SOURCE: Dep. Med. and Biochem., The University of Western Ontario, London, ON, Can.

SOURCE: Arteriosclerosis, Thrombosis, and Vascular Biology (2002), 22(11), 1884-1891

CODEN: ATVBFA; ISSN: 1079-5642

PUBLISHER: Lippincott Williams & Wilkins

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Objective-Cloning of the ileal apical sodium-dependent bile acid transporter (ASBT) has identified a new pharmacol. target for the modulation of plasma lipoproteins. The objective of this study was to determine whether a novel, specific, minimally absorbed ASBT inhibitor (SC-435) decreases LDL cholesterol through the alteration of plasma apoB kinetics. Methods and Results-Miniature pigs were treated for 21 days with 10 mg/kg/day of SC-435 or placebo. SC-435 decreased plasma cholesterol by 9% and LDL cholesterol by 20% with no effect on other lipids. Autologous ¹³¹I-VLDL, ¹²⁵I-LDL, and [³H]-leucine were injected simultaneously to determine apoB kinetics. LDL apoB concns. decreased significantly by 10% resulting entirely from an increase in LDL-apoB fractional catabolic rate. SC-435 had no effect on either total LDL apoB production or VLDL apoB converted to LDL. SC-435 increased VLDL apoB production by 22%; however, the concentration

was

unchanged as a result of increased VLDL apoB direct removal. SC-435 increased hepatic mRNA and enzymic activity for both cholesterol 7 α -hydroxylase and HMG-CoA reductase. Conclusions-A low dose of the ASBT inhibitor, SC-435, significantly reduces plasma LDL cholesterol through enhanced LDL receptor-mediated LDL apoB clearance, secondary to increased expression of cholesterol 7 α -hydroxylase.

IT 289037-67-8, SC 435

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(inhibition of apical sodium-dependent bile acid transporter reduces LDL cholesterol and apoB by enhanced plasma clearance of LDL apoB)

RN 289037-67-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

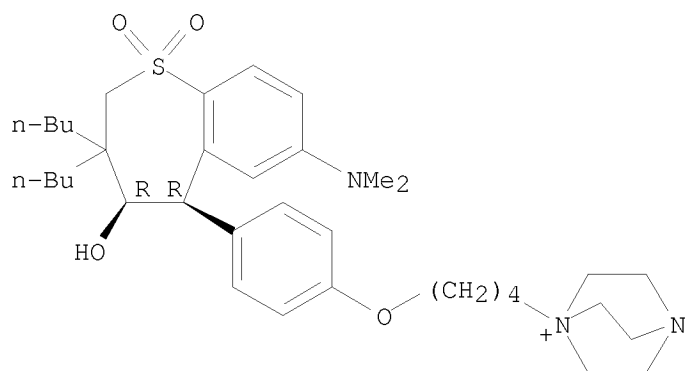
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CRN 289037-66-7

CMF C36 H56 N3 O4 S

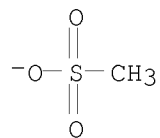
Absolute stereochemistry.

10/590,458



CM 2

CRN 16053-58-0
CMF C H3 O3 S



OS.CITING REF COUNT:	30	THERE ARE 30 CAPLUS RECORDS THAT CITE THIS RECORD (30 CITINGS)
REFERENCE COUNT:	33	THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 26 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:749934 CAPLUS

DOCUMENT NUMBER: 138:314263

TITLE: 1-[4-[4[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-4-aza-1-azoniabicyclo[2.2.2]octane methanesulfonate (SC-435), an ileal apical sodium-codependent bile acid transporter inhibitor alters hepatic cholesterol metabolism and lowers plasma low-density lipoprotein-cholesterol concentrations in guinea pigs

AUTHOR(S): West, Kristy L.; Ramjiganesh, Tripurasundari; Roy, Suheeta; Keller, Bradley T.; Fernandez, Maria Luz

CORPORATE SOURCE: Department of Nutritional Sciences, University of Connecticut, Storrs, CT, USA

SOURCE: Journal of Pharmacology and Experimental Therapeutics (2002), 303(1), 293-299

CODEN: JPETAB; ISSN: 0022-3565

PUBLISHER: American Society for Pharmacology and Experimental Therapeutics

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Male Hartley guinea pigs (10/group) were assigned either to a control diet (no drug treatment) or to diets containing 0.4, 2.2, or 7.3 mg/day of an ileal apical sodium-codependent bile acid transporter (ASBT) inhibitor, SC-435. Based on food consumption, guinea pigs received 0, 0.8, 3.7, or 13.4 mg/kg/day of the ASBT inhibitor. The amount of cholesterol in the four diets was maintained at 0.17%, equivalent to 1200 mg/day in the human situation. Guinea pigs treated with 13.4 mg/kg/day SC-435 had 41% lower total cholesterol and 44% lower low-d. lipoprotein (LDL)-cholesterol concns. compared with control ($P < 0.01$), whereas no significant differences were observed with either of the lower doses of SC-435. Hepatic cholesterol esters were significantly reduced by 43, 56, and 70% in guinea pigs fed 0.8, 3.7, and 13.4 mg/kg/day of the ASBT inhibitor, resp. ($P < 0.01$). In addition, the highest dose of the inhibitor resulted in a 42% increase in the number of very low-d. lipoprotein (VLDL) triacylglycerol mols. and a larger VLDL diameter compared with controls ($P < 0.05$). Acyl-CoA cholesterol/acyltransferase activity was 30% lower with the highest dose treatment, whereas cholesterol 7 α -hydroxylase, the regulatory enzyme of bile acid synthesis, was 30% higher with the highest ASBT inhibitor dose ($P < 0.05$). Furthermore, bile acid excretion increased 2-fold with the highest dose of SC-435 compared with the control group ($P < 0.05$). These results suggest that the reduction in total and LDL-cholesterol concns. by the ASBT inhibitor is a result of alterations in hepatic cholesterol metabolism due to modifications in the enterohepatic circulation of bile acids.

IT 289037-67-8

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(SC-435, a bile acid transporter inhibitor, alters hepatic cholesterol metabolism and lowers plasma LDL-cholesterol levels in guinea pigs)

RN 289037-67-8 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)

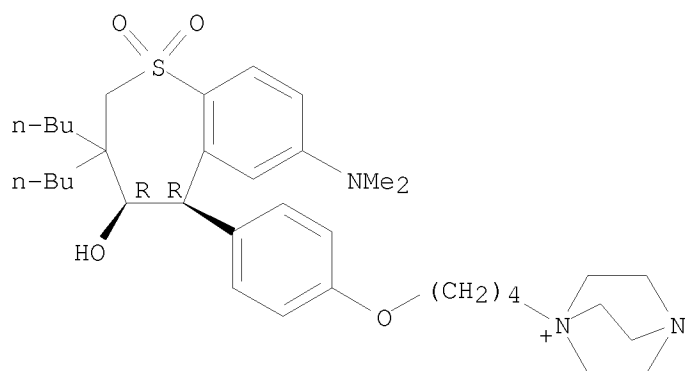
10/590,458

CM 1

CRN 289037-66-7

CMF C36 H56 N3 O4 S

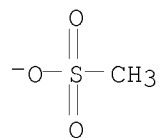
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



OS.CITING REF COUNT: 19

THERE ARE 19 CAPLUS RECORDS THAT CITE THIS
RECORD (19 CITINGS)

REFERENCE COUNT: 48

THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 27 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:716126 CAPLUS

DOCUMENT NUMBER: 137:252985

TITLE: Medicinal compositions containing bile acid transporter inhibitor and cholesterol acyltransferase inhibitors

INVENTOR(S): Inaba, Toshimori

PATENT ASSIGNEE(S): Sankyo Company, Limited, Japan

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

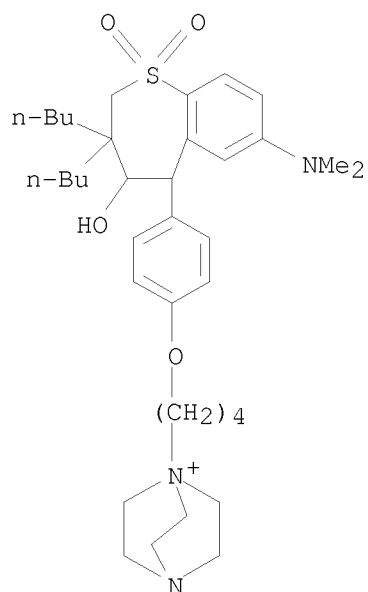
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002072147	A1	20020919	WO 2002-JP2311	20020312
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002236307	A1	20020924	AU 2002-236307	20020312
JP 2002338496	A	20021127	JP 2002-67841	20020313
PRIORITY APPLN. INFO.:			JP 2001-72050	A 20010314
			WO 2002-JP2311	W 20020312
AB	Disclosed are medicinal compns. for administering an ileal bile acid transporter inhibitor and a cholesterol acyltransferase (ACAT) inhibitor either at the same time or sep. at a certain interval. The effect of oral administration of both 4-[3-[(1-(3,5-difluorophenyl)ethylamino)-(4-methoxyphenyl)methyl]phenylamino]-3-hydroxy-3-cyclobutene-1,2-dione (I) and N-(1-octyl-5-carboxymethyl-4,6-dimethylindoline-7-yl)-2,2-dimethylpropaneamide (II) on blood serum triglyceride was prepared Also, a tablet containing I 50, II 30, lactose 368, corn starch 50, magnesium stearate 2 mg was prepared			
IT	460041-92-3	460041-93-4	460041-94-5	
RL:	THU (Therapeutic use); BIOL (Biological study); USES (Uses) (hypolipemic compns. containing bile acid transporter inhibitor and cholesterol acyltransferase inhibitors)			
RN	460041-92-3 CAPLUS			
CN	4-Aza-1-azoniabicyclo[2.2.2]octane, 1-[4-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate (1:1) (CA INDEX NAME)			
CM	1			
CRN	460041-91-2			
CMF	C36 H56 N3 O4 S			

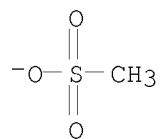
10/590,458



CM 2

CRN 16053-58-0

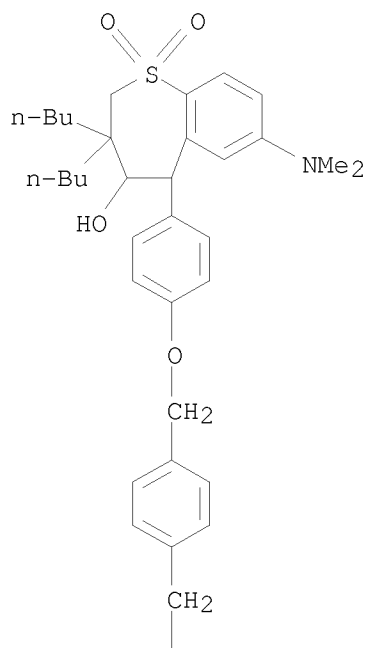
CMF C H3 O3 S



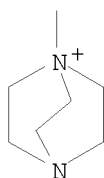
RN 460041-93-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1)
(CA INDEX NAME)

PAGE 1-A

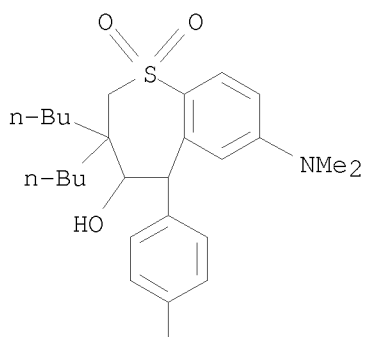


PAGE 2-A



RN 460041-94-5 CAPLUS
 CN Ethanaminium, 2-[2-[2-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, chloride (1:1) (CA INDEX NAME)

10/590,458



Et₃⁺N-CH₂-CH₂-O-CH₂-CH₂-O-CH₂-CH₂-O

● Cl⁻

REFERENCE COUNT:

12

THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 28 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:487559 CAPLUS

DOCUMENT NUMBER: 137:63115

TITLE: Preparation of diphenylazetidinone derivatives as hypolipidemic agents

INVENTOR(S): Glombik, Heiner; Kramer, Werner; Flohr, Stefanie; Frick, Wendelin; Heuer, Hubert; Jaehne, Gerhard; Lindenschmidt, Andreas; Schaefer, Hans-Ludwig

PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany

SOURCE: PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002050068	A1	20020627	WO 2001-EP14532	20011211
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10064402	A1	20020627	DE 2000-10064402	20001221
DE 10154520	A1	20031002	DE 2001-10154520	20011107
CA 2431985	A1	20020627	CA 2001-2431985	20011211
AU 2002019173	A	20020701	AU 2002-19173	20011211
EE 200300237	A	20030815	EE 2003-237	20011211
EP 1345932	A1	20030924	EP 2001-271371	20011211
EP 1345932	B1	20061018		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001016482	A	20040203	BR 2001-16482	20011211
JP 2004516293	T	20040603	JP 2002-551564	20011211
HU 2004001067	A2	20040928	HU 2004-1067	20011211
NZ 526592	A	20041126	NZ 2001-526592	20011211
CN 1222522	C	20051012	CN 2001-821044	20011211
RU 2275370	C2	20060427	RU 2003-122219	20011211
AU 2002219173	B2	20060622	AU 2002-219173	20011211
AT 342899	T	20061115	AT 2001-271371	20011211
US 20020128252	A1	20020912	US 2001-21028	20011219
US 6498156	B2	20021224		
ZA 2003004092	A	20040419	ZA 2003-4092	20030527
ZA 2003004095	A	20040419	ZA 2003-4095	20030527
MX 2003005018	A	20030925	MX 2003-5018	20030605
NO 2003002733	A	20030814	NO 2003-2733	20030616
IN 2003CN00960	A	20050422	IN 2003-CN960	20030618
HK 1059936	A1	20060127	HK 2004-102849	20040422
PRIORITY APPLN. INFO.:			DE 2000-10064402	A 20001221
			DE 2001-10154520	A 20011107
			WO 2001-EP14532	W 20011211

OTHER SOURCE(S): MARPAT 137:63115

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The compds. are suited for use e.g. as hypolipidemic drugs. The invention discloses preparation of diphenylazetidinone derivs. such as I [R1, R2, R3, R4, R5, R6 = C0-C30-alkylene-L {optionally containing O, CO, CH:CH, C.tplbond.C, N(alkyl), N(alkylphenyl), NH}, H, F, Cl, Br, I, CF3, NO2, CN, CO2H, CO2(alkyl), CONH2, CONH(alkyl), CON(alkyl)2, alkyl, alkenyl, alkynyl, O-alkyl, SO2NH2, SO2NH(alkyl) SO2N(alkyl)2, S-(alkyl), SO(alkyl), (un)substituted S(CH2)nPh, SO(CH2)nPh, SO2(alkyl), SO2(CH2)nPh, NH2, NH(alkyl), N(alkyl)2, NH(acyl), (un)substituted Ph, O(CH2)nPh; n = 0-6; L = II; R7, R9, R10 = Me, Et, Pr, butyl; R8 = H, OH, NH2, NH(alkyl)], and their physiol. acceptable salts, for their use as hypolipidemic agents. Thus, 1,2-diphenylazetidinone derivative III·trifluoroacetate (IV) was prepared via a multistep synthetic sequence starting from 7-[3-(3-butyl-7-dimethylamino-3-ethyl-4-hydroxy-1,1-dioxo-2,3,4,5-tetrahydro-1H-benzo[b]thiepin-5-yl)-phenylcarbonyl]-heptanoic acid and 4-(4-aminomethylphenyl)-1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxyphenyl]-azetidin-2-one. Azetidinone IV was tested for its cholesterol lowering ability [ED50 = 0.01 mg/mouse].

IT	439113-82-3P	439113-89-0P	439113-91-4P
	439113-92-5P	439113-93-6P	439113-96-9P
	439113-98-1P	439114-01-9P	439114-03-1P
	439114-06-4P	439114-08-6P	439114-11-1P
	439114-16-6P	439114-20-2P	439114-22-4P
	439114-23-5P	439114-26-8P	439114-29-1P
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	439114-40-6P	439120-25-9P	

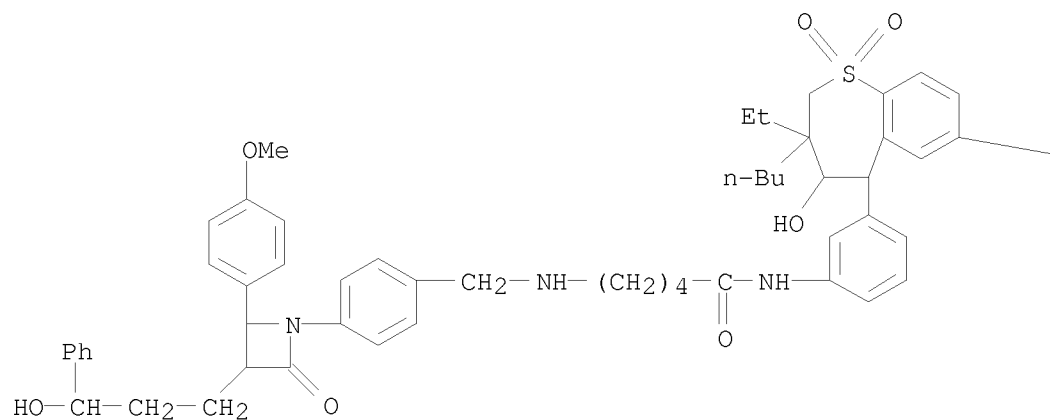
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diphenylazetidinone derivs. as hypolipidemics)

RN 439113-82-3 CAPLUS

CN Pentanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-5-[[[4-[3-(3-hydroxy-3-phenylpropyl)-2-(4-methoxyphenyl)-4-oxo-1-azetidinyl]phenyl]methyl]amino]-(CA INDEX NAME)

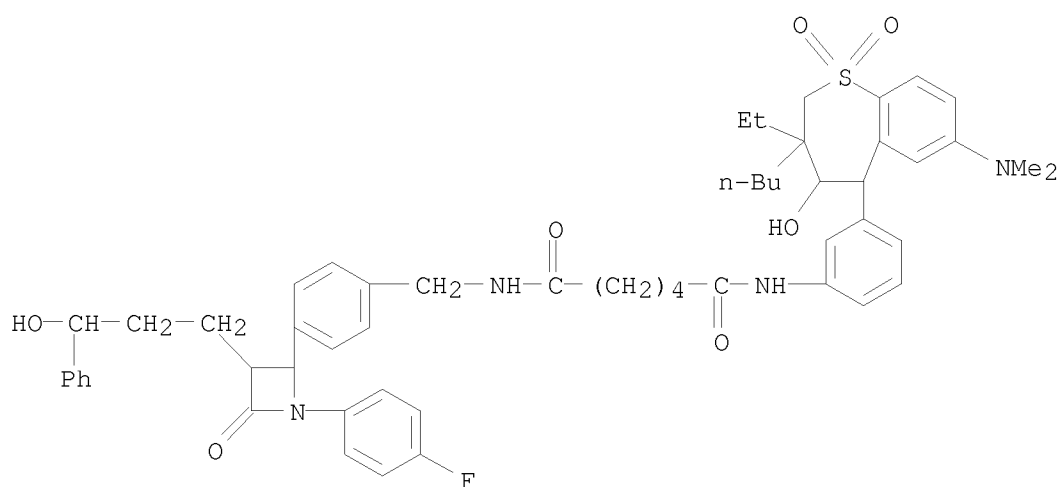
PAGE 1-A



PAGE 1-B

—NMe₂

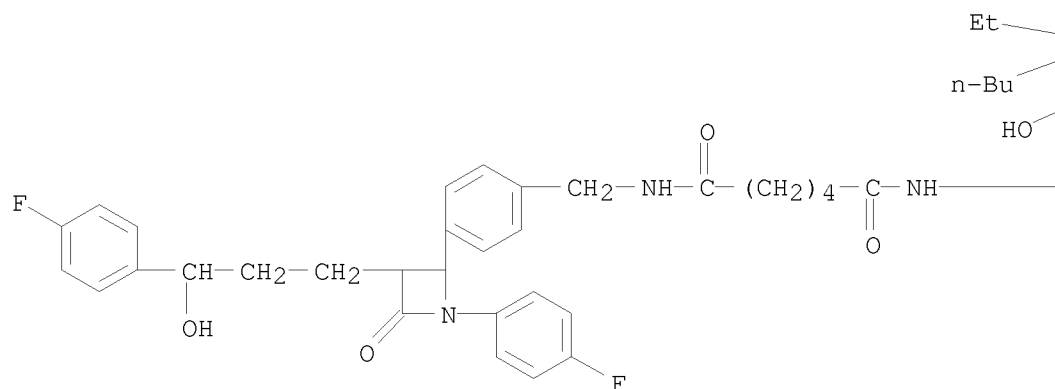
RN 439113-89-0 CAPLUS
 CN Hexanediame, N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N6-[4-[1-(4-fluorophenyl)-3-(3-hydroxy-3-phenylpropyl)-4-oxo-2-azetidinyl]phenyl]methyl]- (CA INDEX NAME)



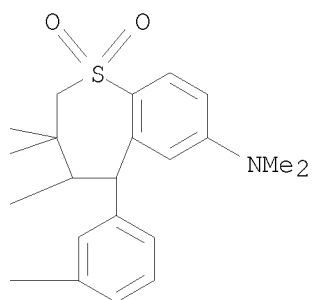
RN 439113-91-4 CAPLUS

CN Hexanedi-*amide*, N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N6-[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA INDEX NAME)

PAGE 1-A

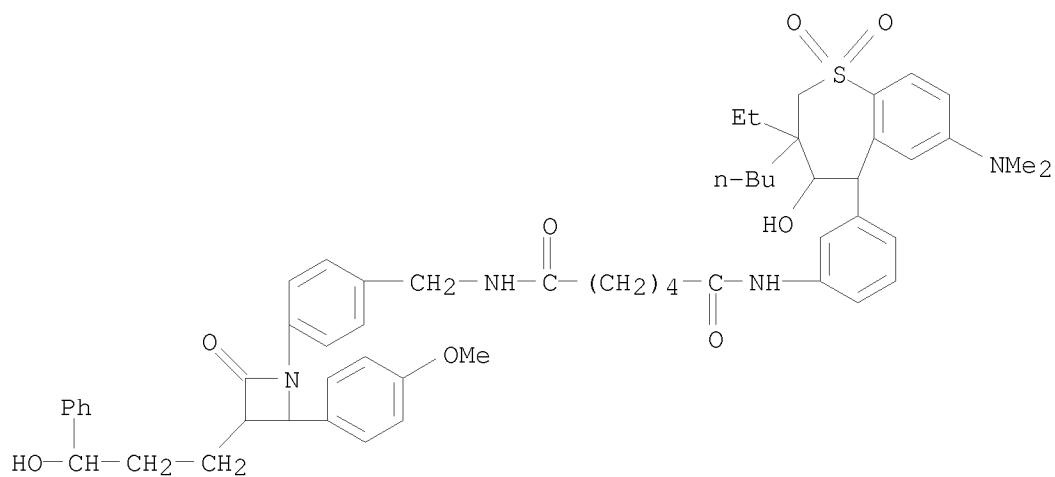


PAGE 1-B



RN 439113-92-5 CAPLUS

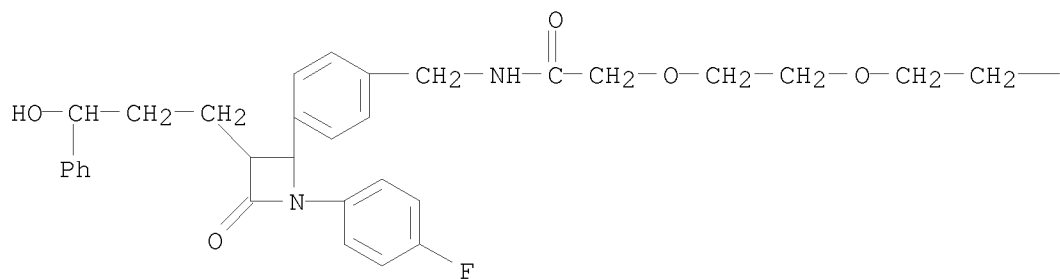
CN Hexanedi-*amide*, N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N6-[4-[3-(3-hydroxy-3-phenylpropyl)-2-(4-methoxyphenyl)-4-oxo-1-azetidiny]phenyl]methyl]- (CA INDEX NAME)

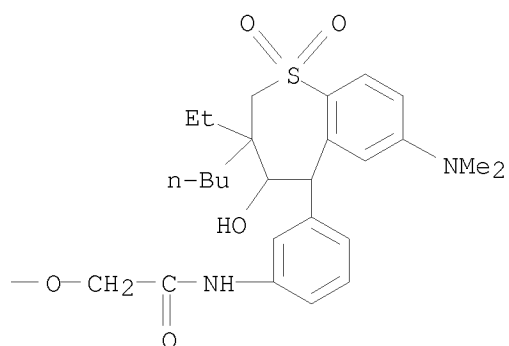


RN 439113-93-6 CAPLUS

CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[4-[1-(4-fluorophenyl)-3-(3-hydroxy-3-phenylpropyl)-4-oxo-2-azetidinyl]phenyl]-11-oxo- (CA INDEX NAME)

PAGE 1-A





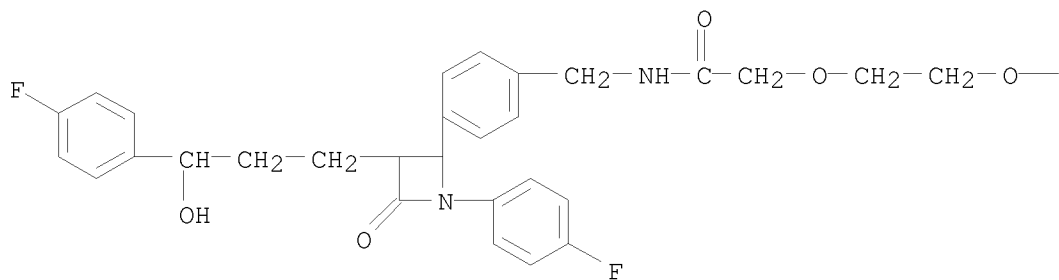
RN 439113-96-9 CAPLUS

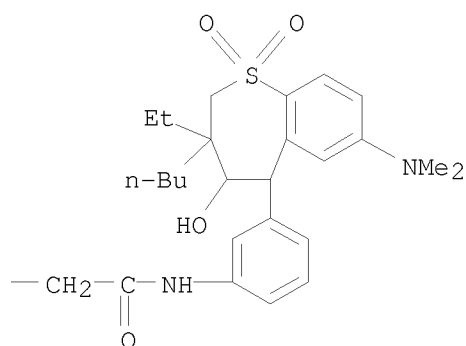
CN Acetamide, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-2-oxoethoxy]ethoxy]-N-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 439113-95-8

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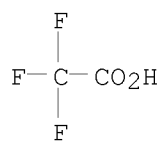




CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 439113-98-1 CAPLUS

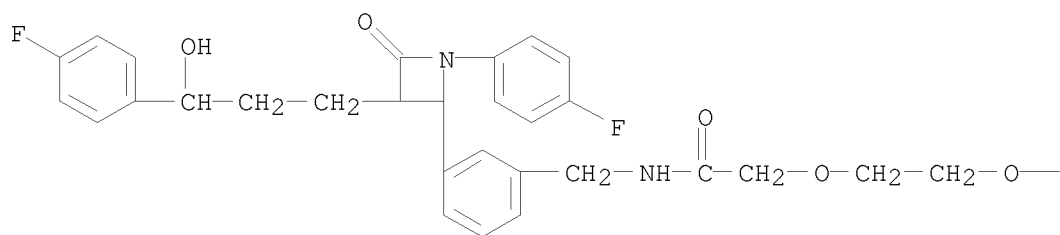
CN Acetamide, 2-[2-[2-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-2-oxoethoxy]ethoxy]-N-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidinyloxy]phenyl]methyl]-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

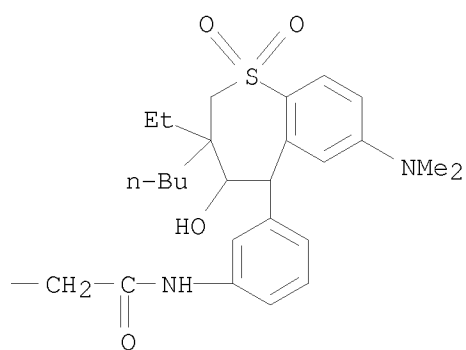
CRN 439113-97-0

CMF C55 H64 F2 N4 O9 S

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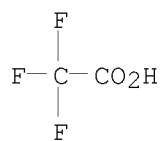
PAGE 1-B



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 439114-01-9 CAPLUS

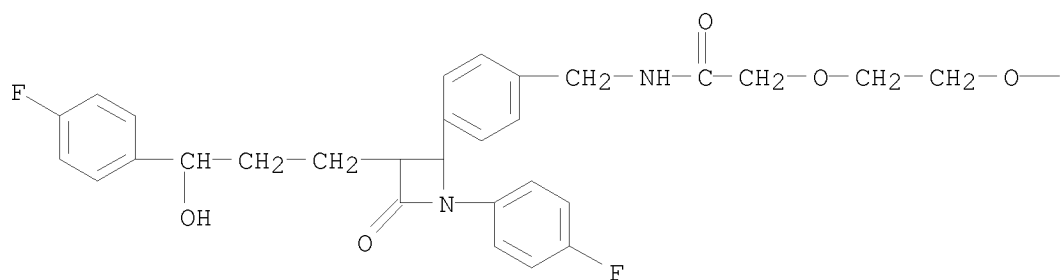
CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]-11-oxo-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

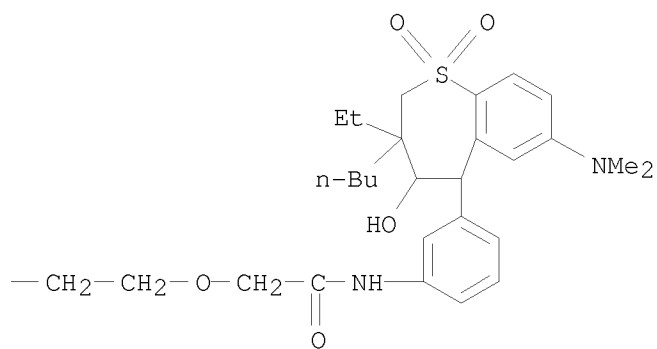
10/590,458

CRN 439114-00-8
CMF C57 H68 F2 N4 O10 S

PAGE 1-A

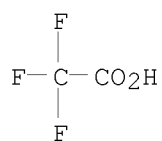


PAGE 1-B



CM 2

CRN 76-05-1
CMF C2 H F3 O2



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RN 439114-03-1 CAPLUS

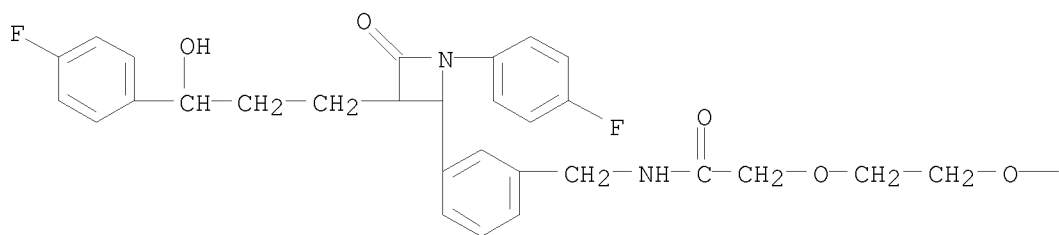
CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]-11-oxo-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

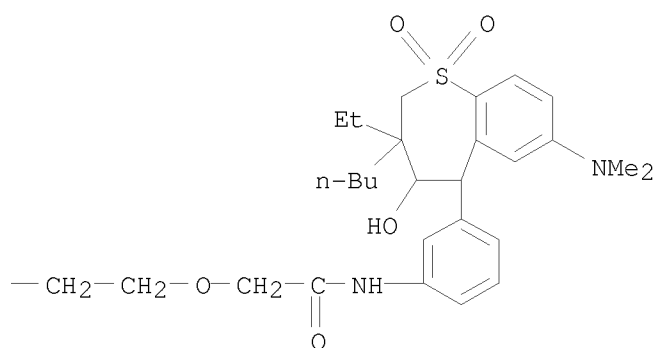
CRN 439114-02-0

CMF C57 H68 F2 N4 O10 S

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PAGE 1-B

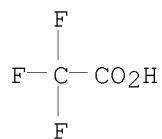


CM 2

CRN 76-05-1

CMF C2 H F3 O2

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RN 439114-06-4 CAPLUS

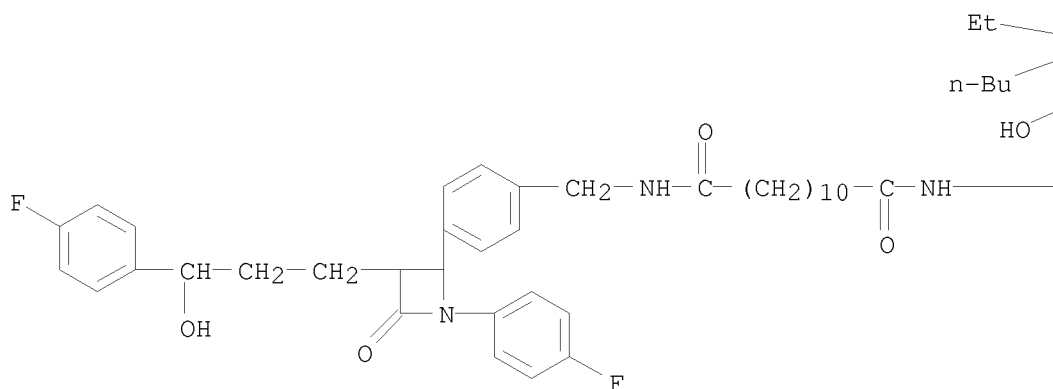
CN Dodecanediamide, N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N12-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

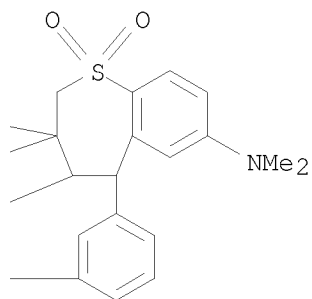
CRN 439114-05-3

CMF C61 H76 F2 N4 O7 S

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PAGE 1-B

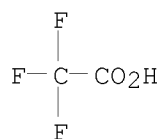


10/590,458

CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 439114-08-6 CAPLUS

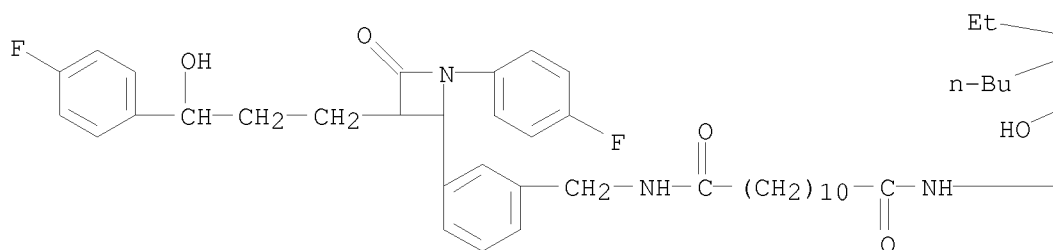
CN Dodecanediamide, N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N12-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

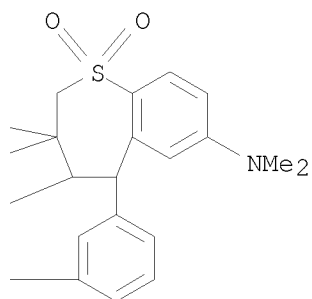
CM 1

CRN 439114-07-5

CMF C61 H76 F2 N4 O7 S

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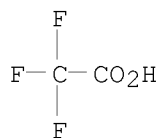




CM 2

CRN 76-05-1

CMF C2 H F3 O2



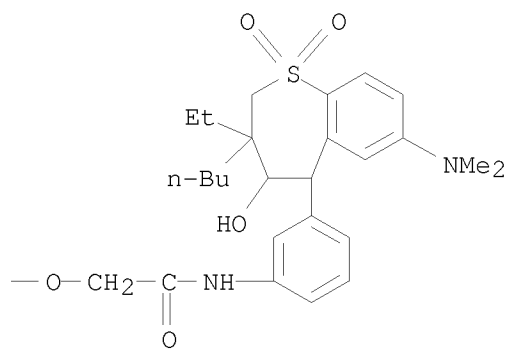
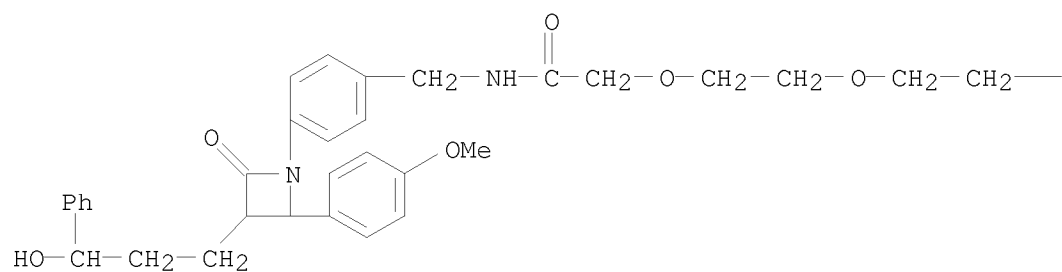
RN 439114-11-1 CAPLUS

CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[4-[3-(3-hydroxy-3-phenylpropyl)-2-(4-methoxyphenyl)-4-oxo-1-azetidiny]phenyl]-11-oxo-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 439114-10-0

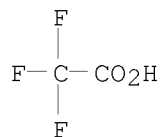
CMF C58 H72 N4 O11 S



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 439114-16-6 CAPLUS

CN 4,7,10,13,16-Pentaoxanonadecanediamide,
N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-

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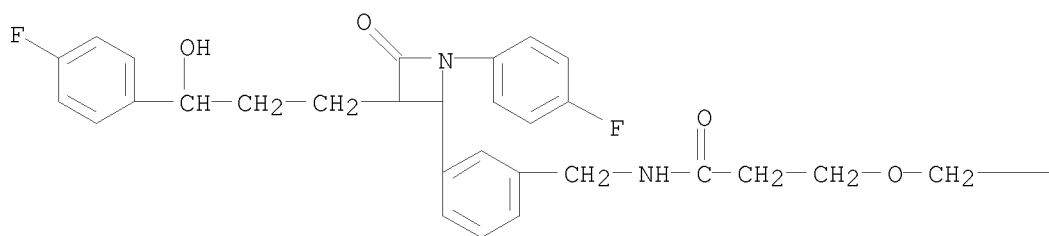
dioxido-1-benzothiepin-5-yl]phenyl]-N19-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]-,
2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

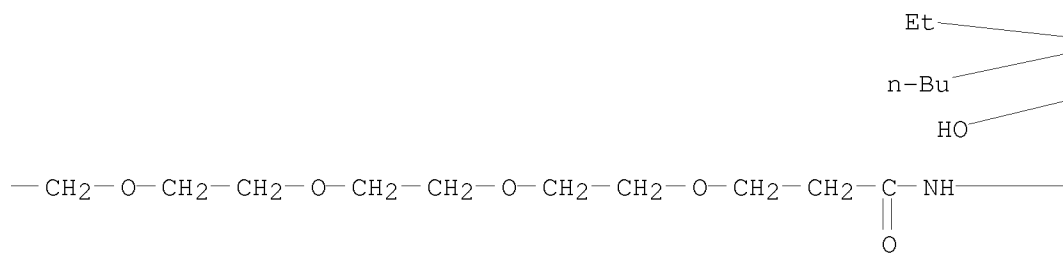
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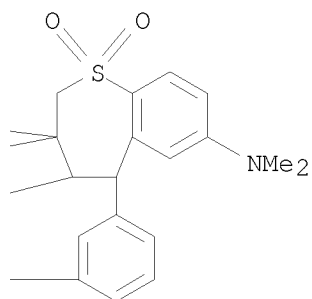
CMF C63 H80 F2 N4 O12 S

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PAGE 1-B

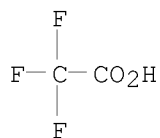




CM 2

CRN 76-05-1

CMF C2 H F3 O2



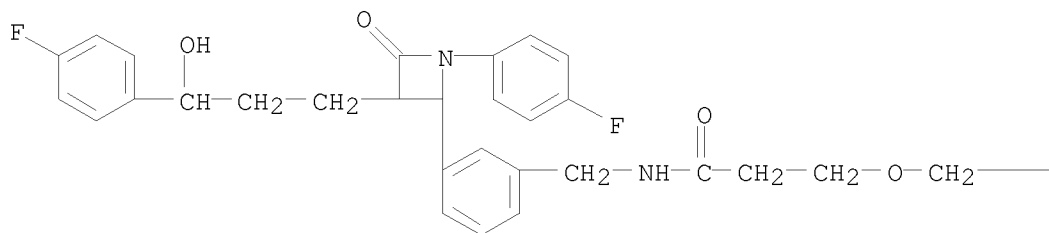
RN 439114-20-2 CAPLUS

CN 4,7,10,13,16,19,22-Heptaioxapentacosanediamide,
 N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N25-[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]-,
 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

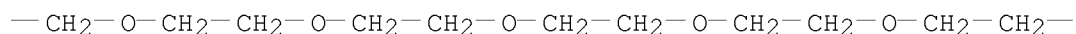
CM 1

CRN 439114-19-9

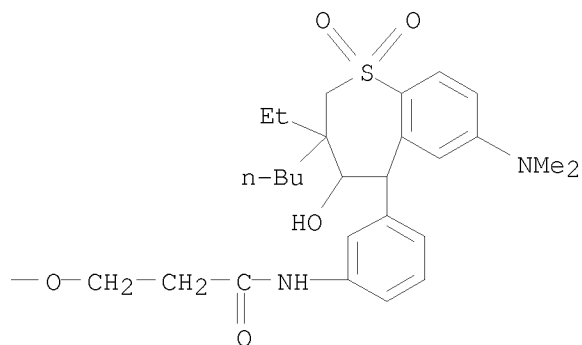
CMF C67 H88 F2 N4 O14 S



PAGE 1-B

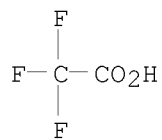


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CM 2

CRN 76-05-1
CMF C2 H F3 O2



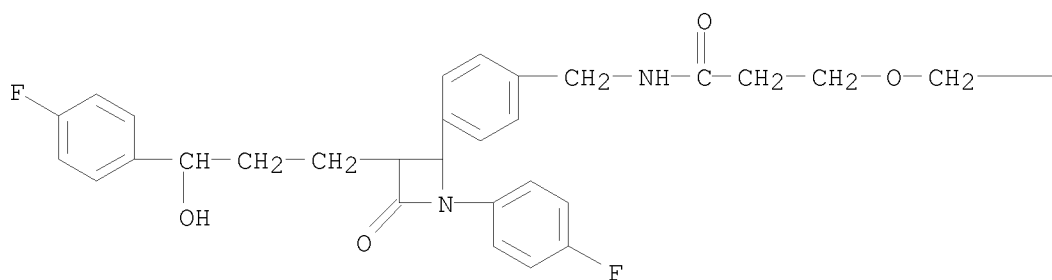
RN 439114-22-4 CAPLUS
CN 4,7,10,13,16-Pentaoxanonadecanediamide,
N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N19-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]-,
2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

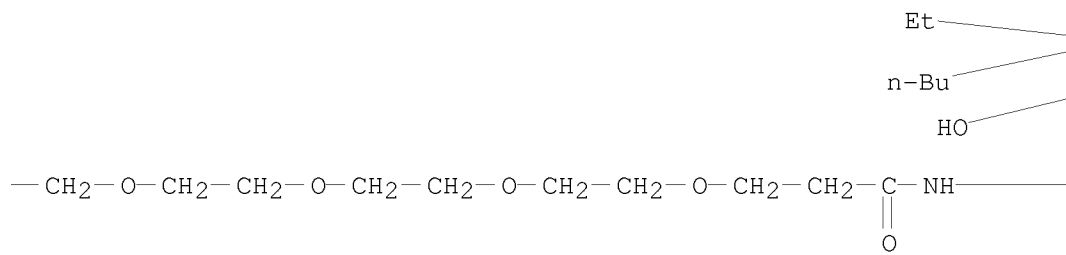
10/590,458

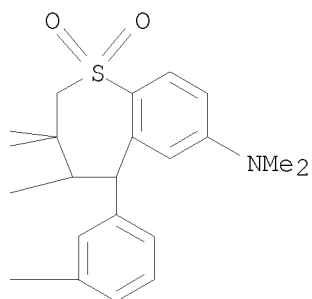
CRN 439114-21-3
CMF C63 H80 F2 N4 O12 S

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PAGE 1-B

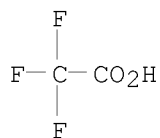




CM 2

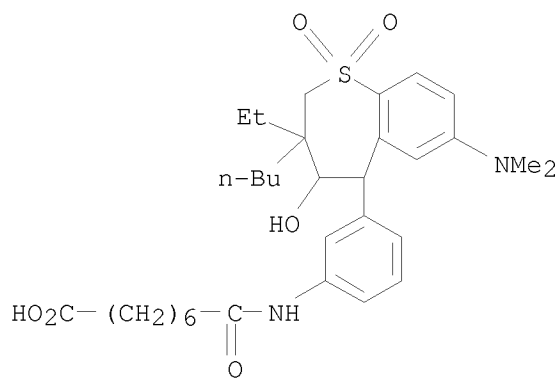
CRN 76-05-1

CMF C2 H F3 O2



RN 439114-23-5 CAPLUS

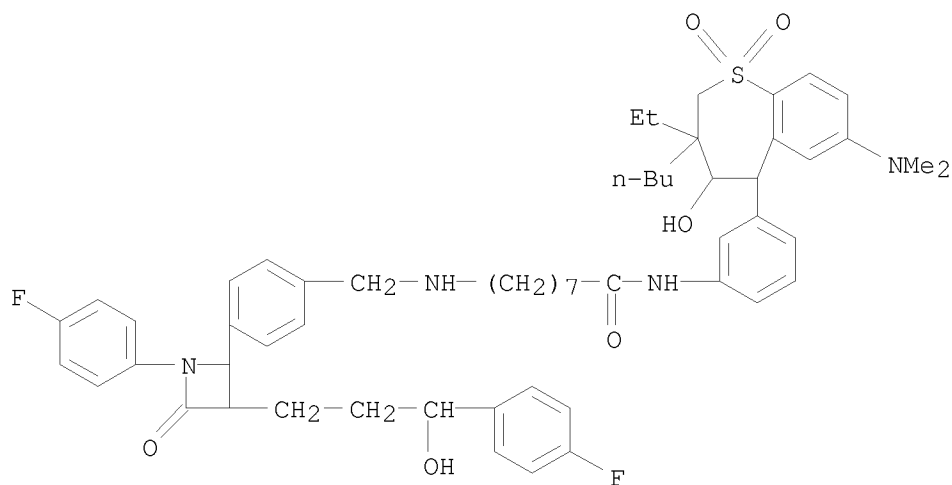
CN Octanoic acid, 8-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-8-oxo- (CA INDEX NAME)



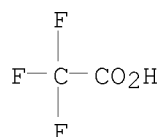
RN 439114-26-8 CAPLUS

CN Octanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-8-[[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CRN 439114-25-7
CMF C57 H70 F2 N4 O6 S

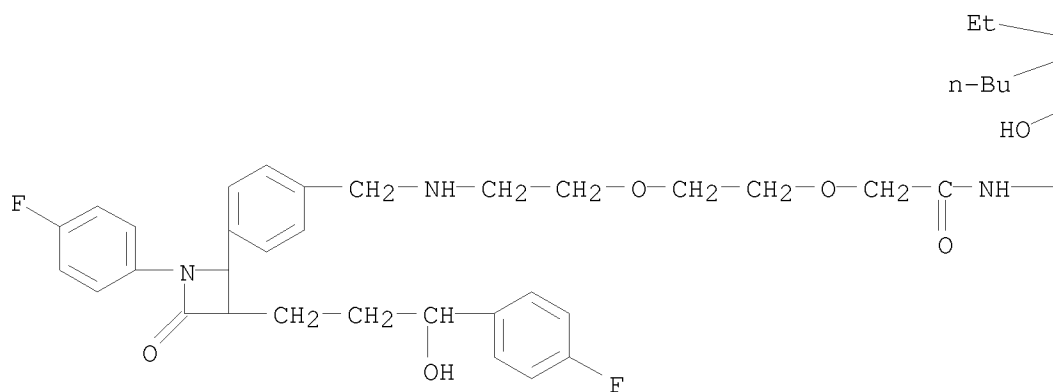


CRN 76-05-1
CMF C2 H F3 O2

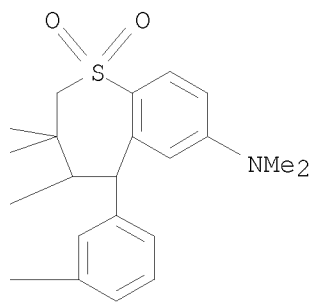


CRN 439114-28-0
CMF C55 H66 F2 N4 O8 S

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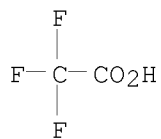


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CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 439114-36-0 CAPLUS
CN Acetamide, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]-N-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidinyl]phenyl]methyl]-,

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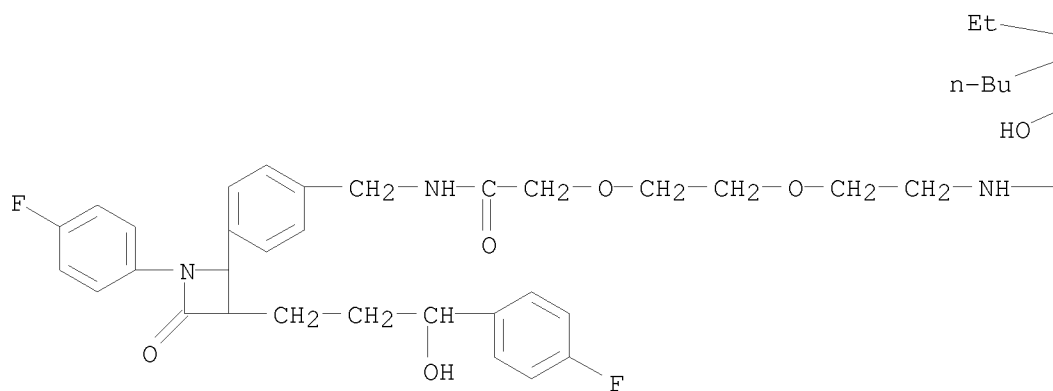
2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

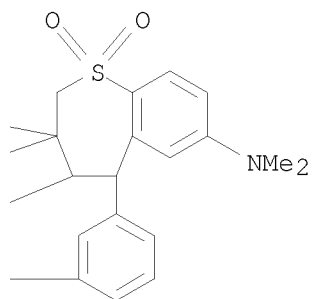
CRN 439114-35-9

CMF C55 H66 F2 N4 O8 S

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CM 2

CRN 76-05-1

CMFC2H(F)(F)O2

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RN 439114-38-2 CAPLUS

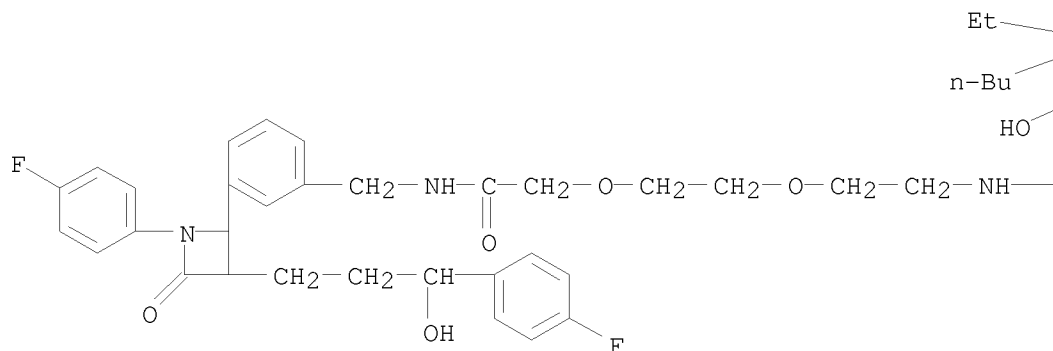
CN Acetamide, 2-[2-[2-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]-N-[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

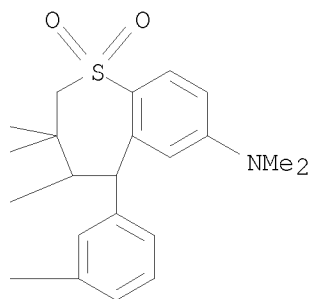
CRN 439114-37-1

CMF C55 H66 F2 N4 O8 S

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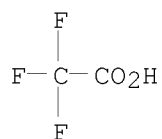


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CM 2

CRN 76-05-1

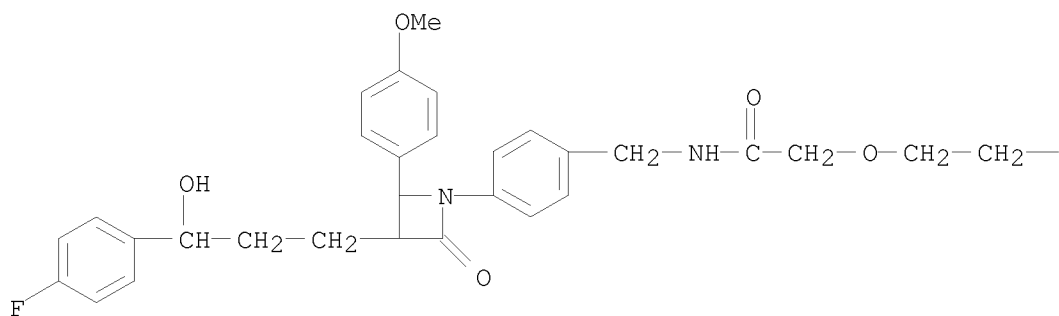
CMF C2 H F3 O2

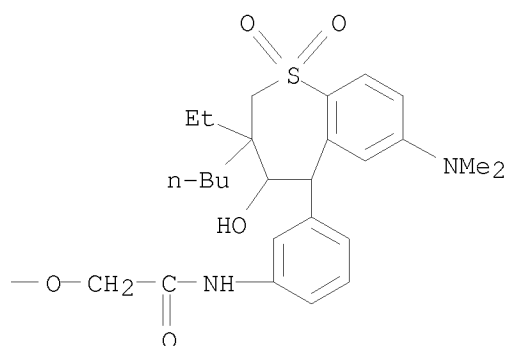


RN 439114-39-3 CAPLUS

CN Acetamide, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-2-oxoethoxy]ethoxy]-N-[[4-[3-[3-(4-fluorophenyl)-3-hydroxypropyl]-2-(4-methoxyphenyl)-4-oxo-1-azetidinyl]phenyl]methyl]- (CA INDEX NAME)

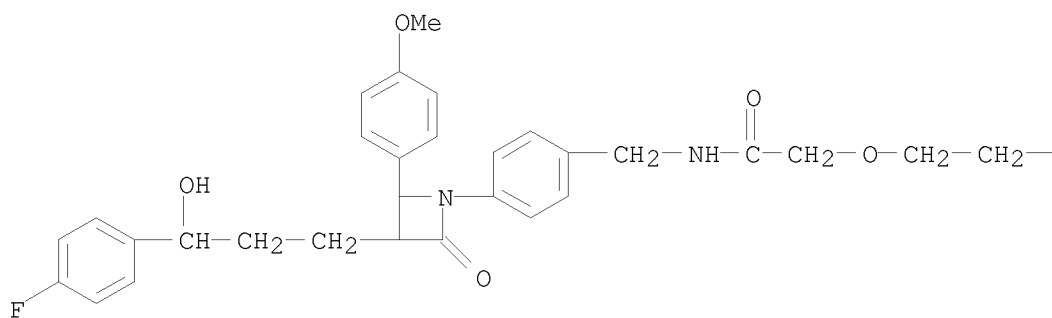
PAGE 1-A

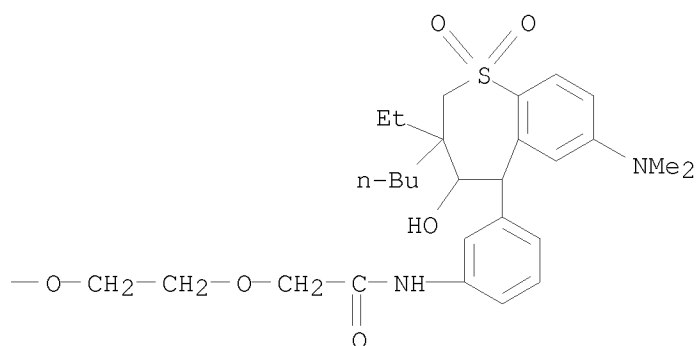




RN 439114-40-6 CAPLUS

CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[4-[3-[3-(4-fluorophenyl)-3-hydroxypropyl]-2-(4-methoxyphenyl)-4-oxo-1-azetidinyloxy]phenyl]-11-oxo- (CA INDEX NAME)





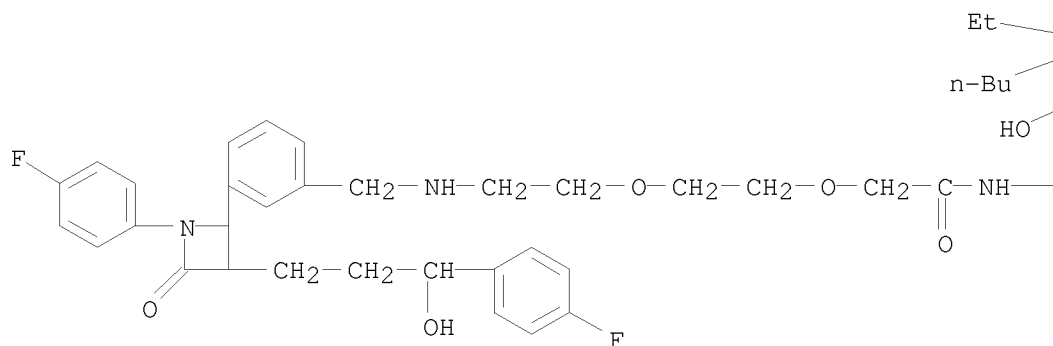
RN 439120-25-9 CAPLUS

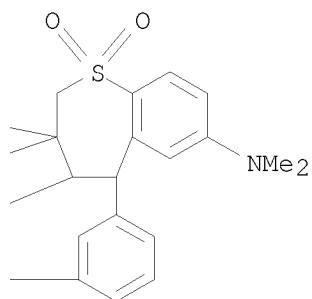
CN Acetamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-2-[2-[2-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]amino]ethoxy]ethoxy]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 439120-24-8

CMF C55 H66 F2 N4 O8 S

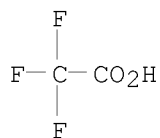




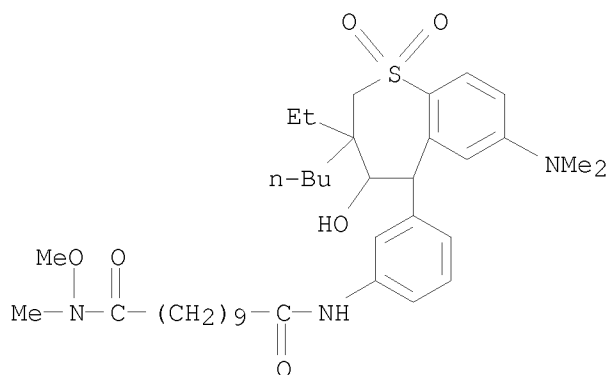
CM 2

CRN 76-05-1

CMF C2 H F3 O2

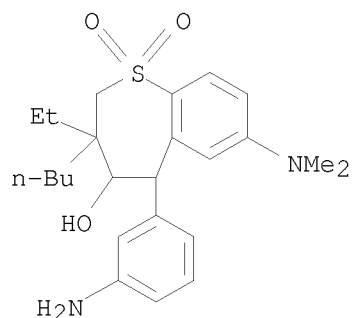


IT 439114-09-7 439114-42-8 439114-43-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of diphenylazetidinone derivs. as hypolipidemics)
 RN 439114-09-7 CAPLUS
 CN Undecanediarnide, N11-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N1-methoxy-N1-methyl- (CA INDEX NAME)



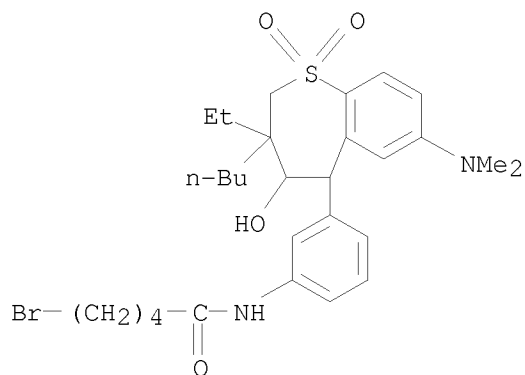
RN 439114-42-8 CAPLUS
 CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide (CA INDEX NAME)

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RN 439114-43-9 CAPLUS

CN Pentanamide, 5-bromo-N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- (CA INDEX NAME)



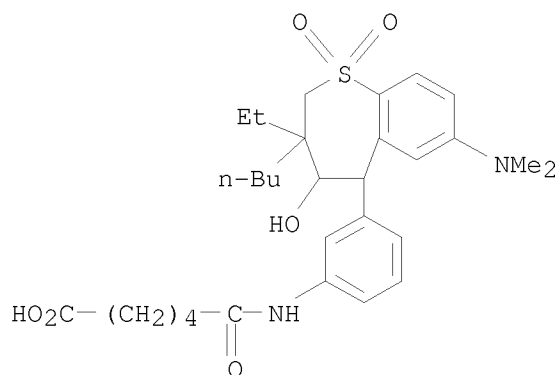
IT 439113-88-9P 439113-94-7P 439113-99-2P
439114-04-2P 439114-14-4P 439114-18-8P
439114-24-6P 439114-27-9P 439114-32-6P
439114-34-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of diphenylazetidinone derivs. as hypolipidemics)

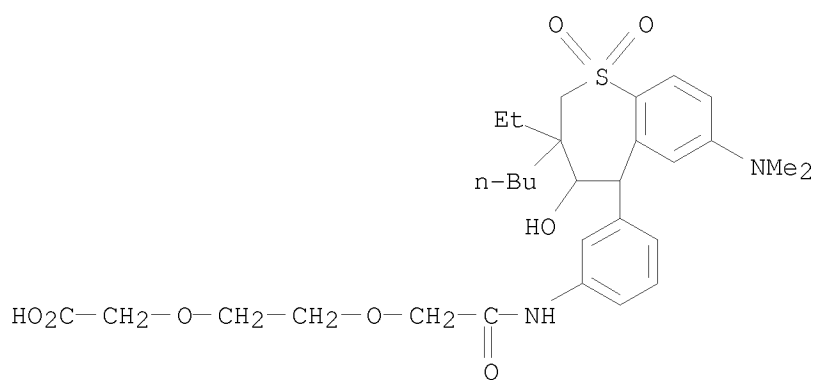
RN 439113-88-9 CAPLUS

CN Hexanoic acid, 6-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-6-oxo- (CA INDEX NAME)



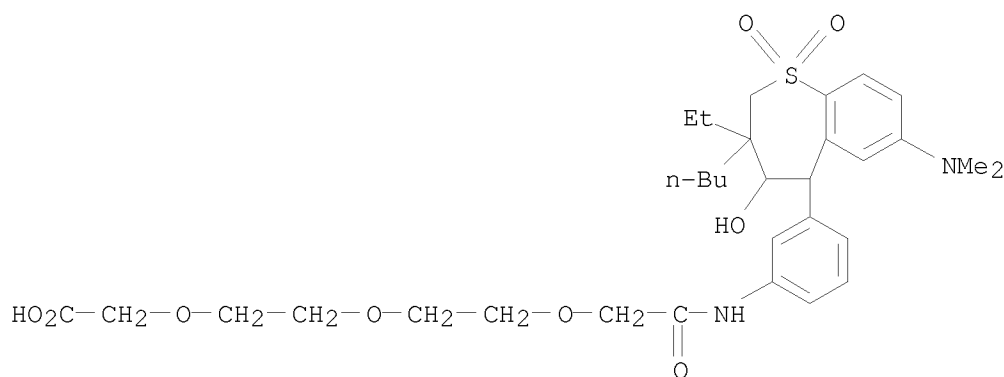
RN 439113-94-7 CAPLUS

CN Acetic acid, 2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-2-oxoethoxy]ethoxy]- (CA INDEX NAME)



RN 439113-99-2 CAPLUS

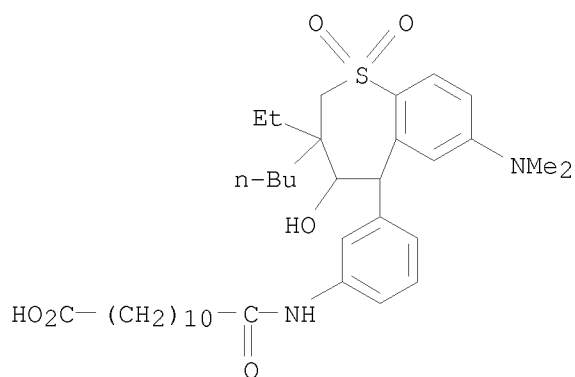
CN Acetic acid, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-2-oxoethoxy]ethoxy]ethoxy]- (CA INDEX NAME)



10/590,458

RN 439114-04-2 CAPLUS

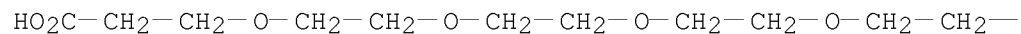
CN Dodecanoic acid, 12-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-12-oxo-
(CA INDEX NAME)

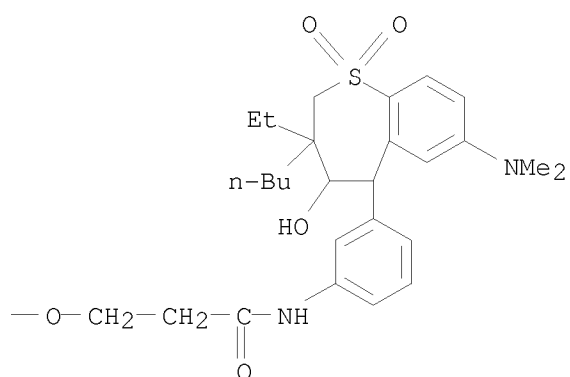


RN 439114-14-4 CAPLUS

CN Propanoic acid, 3-[[15-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-15-oxo-3,6,9,12-tetraoxapentadec-1-yl]oxy]- (CA INDEX NAME)

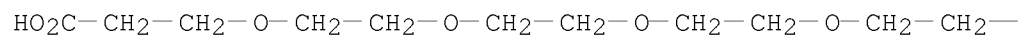
PAGE 1-A

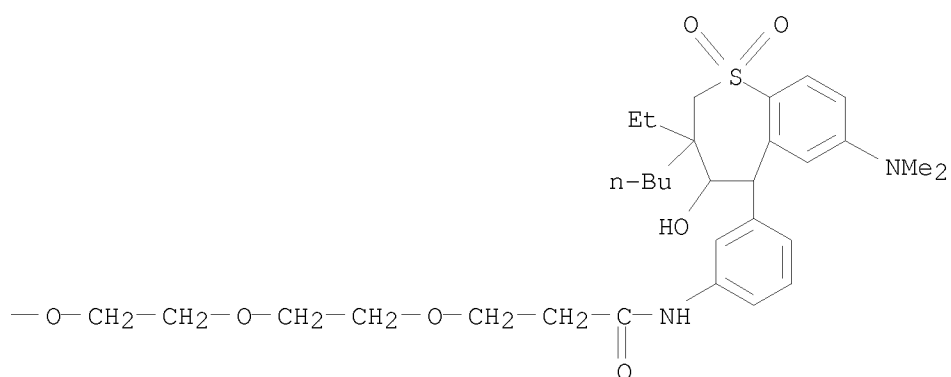




RN 439114-18-8 CAPLUS

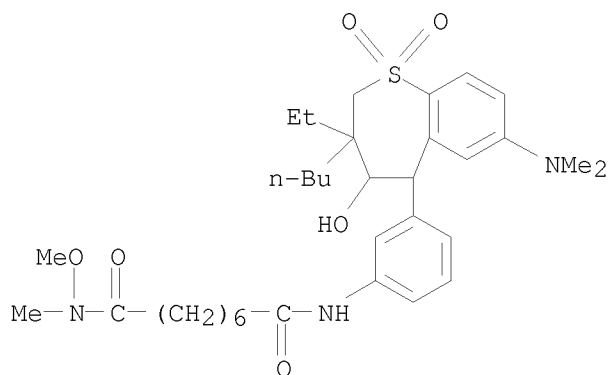
CN Propanoic acid, 3-[[[21-[[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-21-oxo-3,6,9,12,15,18-hexaoxaheneicos-1-yl]oxy]- (CA INDEX NAME)





RN 439114-24-6 CAPLUS

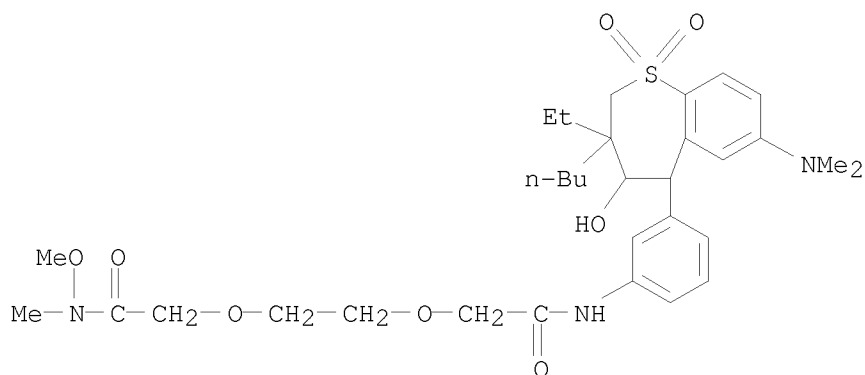
CN Octanediamide, N8-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N1-methoxy-N1-methyl-
(CA INDEX NAME)



RN 439114-27-9 CAPLUS

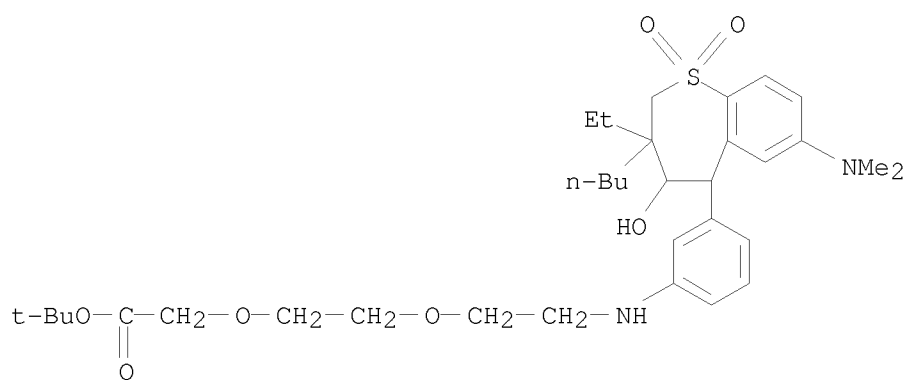
CN 3,6,10-Trioxa-9-azaundecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-9-methyl-8-oxo-
(CA INDEX NAME)

10/590,458



RN 439114-32-6 CAPLUS

CN Acetic acid, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 439114-34-8 CAPLUS

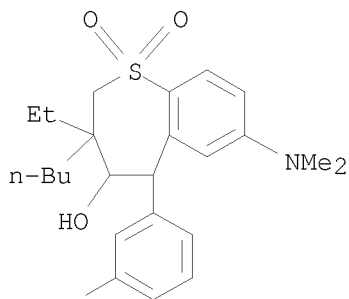
CN Acetic acid, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 439114-33-7

CMF C30 H44 N2 O7 S

10/590,458

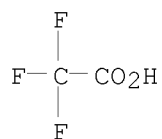


HO₂C-CH₂-O-CH₂-CH₂-O-CH₂-CH₂-NH

CM 2

CRN 76-05-1

CMF C2 H F3 O2



OS.CITING REF COUNT: 16

THERE ARE 16 CAPLUS RECORDS THAT CITE THIS
RECORD (21 CITINGS)

REFERENCE COUNT: 5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 29 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:693311 CAPLUS

DOCUMENT NUMBER: 135:257255

TITLE: preparation of chiral
azaazoniabicyclooctylmethylbenzyloxyphenyltetrahydrobe
nzothiepies by amination of the corresponding benzyl
alcohols.

INVENTOR(S): Babiak, Kevin A.; Carpenter, Andrew; Chou, Shine;
Colson, Pierre-Jean; Farid, Payman; Hett, Robert;
Huber, Chrisistian H.; Koeller, Kevin J.; Lawson, Jon
P.; Li, James; Mar, Eduardo K.; Miller, Lawrence M.;
Orlovski, Vladislav; Peterson, James C.; Pozzo, Mark
J.; Przybyla, Claire A.; Tremont, Samuel J.; Trivedi,
Jay S.; Wagner, Grace M.; Weisenburger, Gerald A.;
Zhi, Benxin

PATENT ASSIGNEE(S): Pharmacia Corporation, USA

SOURCE: PCT Int. Appl., 258 pp.

CODEN: PIXXD2

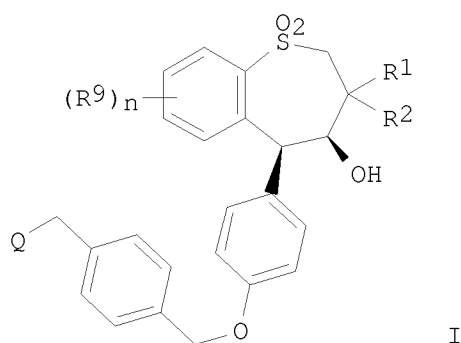
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

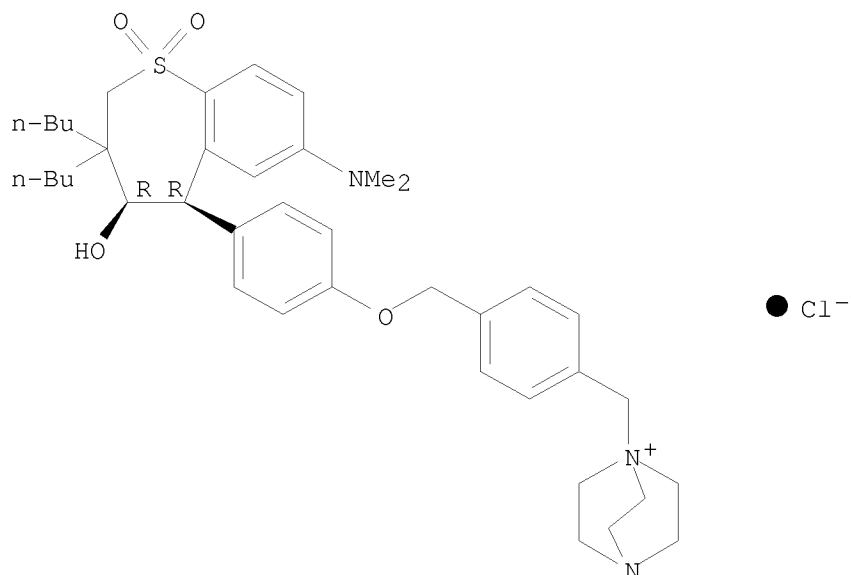
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068637	A2	20010920	WO 2001-US7421	20010308
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001040115	A	20010924	AU 2001-40115	20010308
US 20020032329	A1	20020314	US 2001-802279	20010308
US 6586434	B2	20030701		
EP 1286984	A2	20030305	EP 2001-914762	20010308
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003528830	T	20030930	JP 2001-567729	20010308
US 20030236406	A1	20031225	US 2002-204826	20021223
US 6794544	B2	20040921		
US 20040082647	A1	20040429	US 2003-419266	20030421
US 20040110761	A1	20040610	US 2003-611942	20030703
US 20050090543	A1	20050428	US 2004-848566	20040519
PRIORITY APPLN. INFO.:			US 2000-188361P	P 20000310
			US 2000-188378P	P 20000310
			US 2001-802279	A3 20010308
			US 2001-802313	B1 20010308
			WO 2001-US7421	W 20010308
			US 2002-204826	A3 20021223
OTHER SOURCE(S):			CASREACT 135:257255; MARPAT 135:257255	
GI				



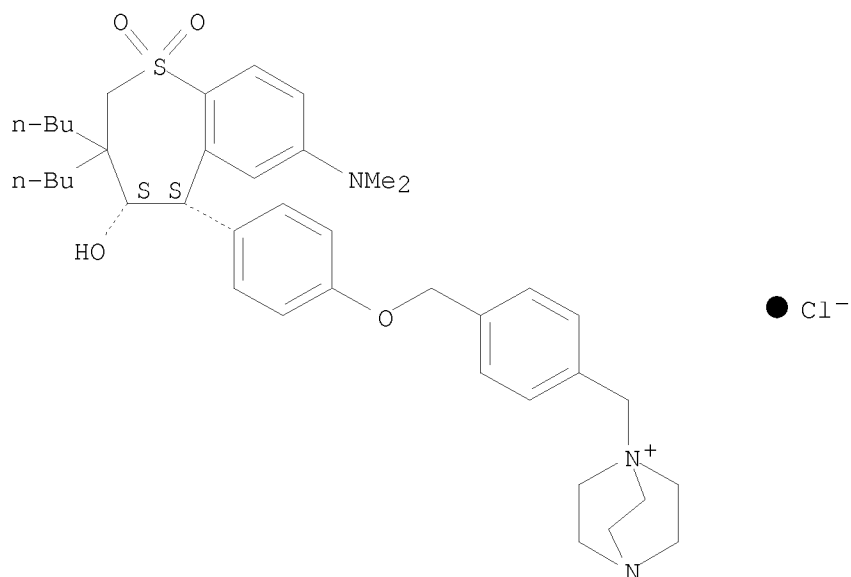
- AB Title compds. [I; Q = (X-)R3R4R5N; R1, R2 = hydrocarbyl; R3-R5 = H, (O-, S-, or N-interrupted) hydrocarbyl; ≥ 2 of R3-R5 form a cyclic structure; R9 = H, hydrocarbyl, hydroxyalkyl, OR3, NR3R4, N+R3R4R5 A-, etc.; A- = pharmaceutically acceptable cation; X- = leaving group; n = 0-4], were prepared by derivatization of I (Q = OH; other variables as above) to give I (Q = X; other variables as above) and treatment of the latter with NR3R4R5. Thus, (4R,5R)-3,3-dibutyl-7-dimethylamino-1,1-dioxido-4-hydroxy-5-(4-hydroxyphenyl)-2,3,4,5-tetrahydrobenzothiepine (preparation given) in dimethylacetamide was treated with NaOH and then with 1-chloromethyl-4-hydroxymethylbenzene (preparation given) followed by heating at 50° for 4 h. The crude product was stirred with SOCl2 in PhMe and the chloromethyl product solution was treated with MeCOEt, H2O, and diazabicyclo[2.2.2]octane followed by reflux to give (4R,5R)-1-[[4-[4-(3,3-dibutyl-7-dimethylamino-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl)phenoxy]methyl]phenyl]methyl-4-aza-1-azoniabicyclo[2.2.2]octane chloride.
- IT 228113-66-4P 228113-67-5P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of chiral azaazoniabicyclooctylmethylbenzyloxyphenyltetrahydrobenzothiepinines by amination of the corresponding benzyl alcs.)
- RN 228113-66-4 CAPLUS
- CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



RN 228113-67-5 CAPLUS
 CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[[4-[[4-[(4S,5S)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
 chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



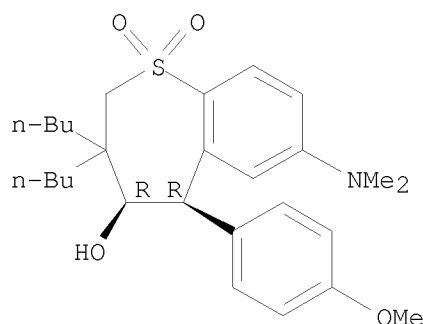
IT 228113-64-2P
 RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of chiral azaazoniabicyclooctylmethylbenzyloxyphenyltetrahydrobenzothiepin)

enzothiepines by amination of the corresponding benzyl alcs.)

RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT 197373-42-5P 228113-65-3P 289038-78-4P

361373-74-2P 361374-18-7P 361374-20-1P

361374-22-3P 361374-24-5P 361374-26-7P

361374-28-9P 361374-39-2P

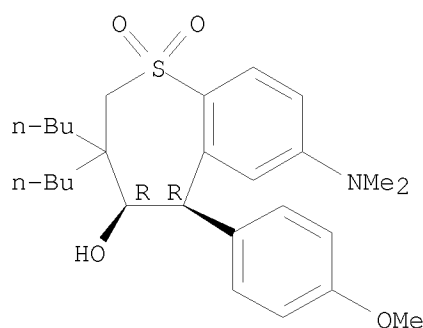
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of chiral azaazoniabicyclooctylmethylbenzyloxyphenyltetrahydrobenzothiepines by amination of the corresponding benzyl alcs.)

RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

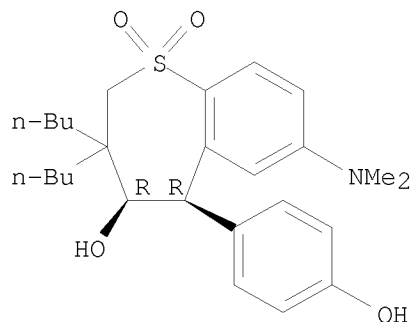


RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

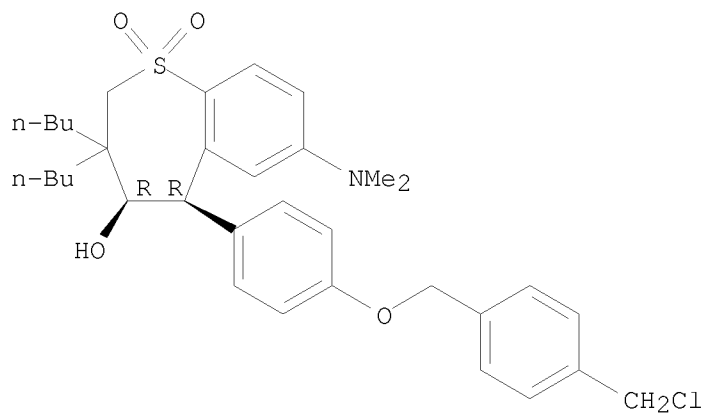
10/590,458



RN 289038-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

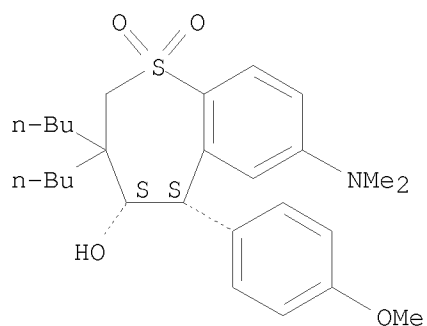
Absolute stereochemistry.



RN 361373-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

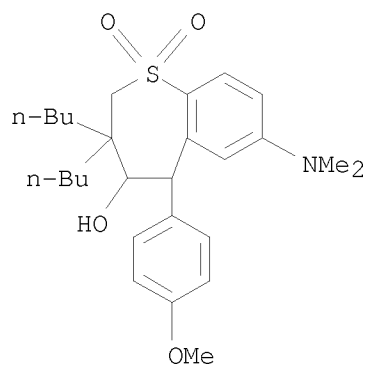
Absolute stereochemistry.



RN 361374-18-7 CAPLUS

10/590,458

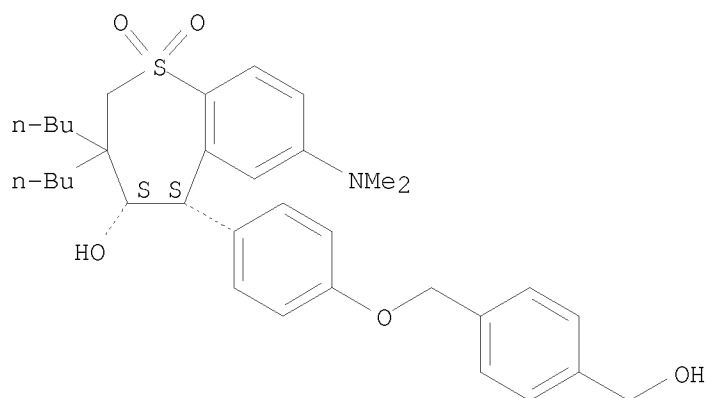
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide (CA INDEX NAME)



RN 361374-20-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[4-(hydroxymethyl)phenyl]methoxy]phenyl]-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

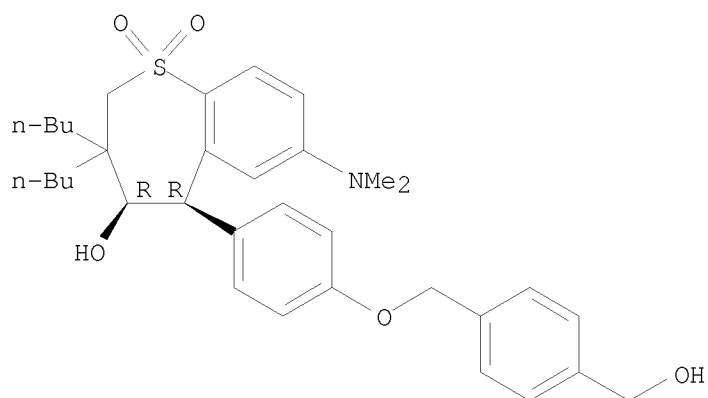


RN 361374-22-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[4-(hydroxymethyl)phenyl]methoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

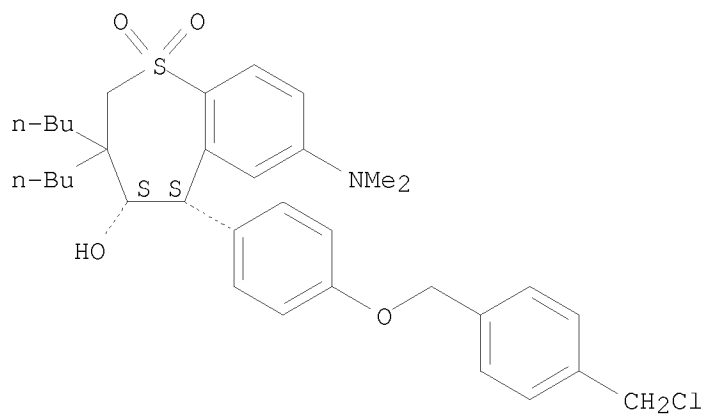
10/590,458



RN 361374-24-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

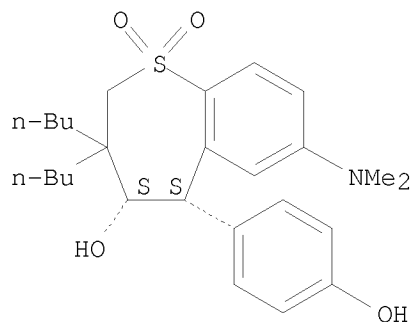


RN 361374-26-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

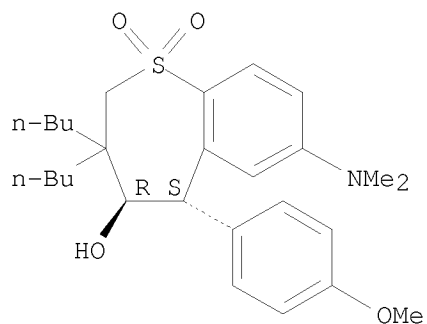
10/590,458



RN 361374-28-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5S)- (CA INDEX NAME)

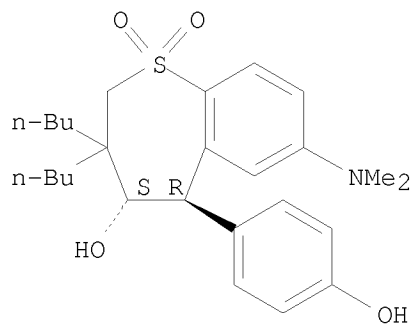
Absolute stereochemistry.



RN 361374-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4S,5R)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3

THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)

L17 ANSWER 30 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:693092 CAPLUS

DOCUMENT NUMBER: 135:257253

TITLE: Preparation of tetrahydrobenzothiepinines and naphthalenes useful in combination therapy with HMG Co-A reductase inhibitors for the prophylaxis and treatment of hyperlipidemic conditions and disorders.

INVENTOR(S): Keller, Bradley T.; Tremont, Samuel J.; Glenn, Kevin C.; Manning, Robert E.

PATENT ASSIGNEE(S): Pharmacia Corporation, USA

SOURCE: PCT Int. Appl., 182 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068096	A2	20010920	WO 2001-US7505	20010308
WO 2001068096	A3	20020725		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 20020061888	A1	20020523	US 2001-802313	20010308
US 20030232834	A1	20031218	US 2002-204672	20021126
US 20040082647	A1	20040429	US 2003-419266	20030421
US 20040110761	A1	20040610	US 2003-611942	20030703
PRIORITY APPLN. INFO.:			US 2000-188361P	P 20000310
			US 2000-188378P	P 20000310
			US 2001-802279	A3 20010308
			US 2001-802313	B1 20010308
			WO 2001-US7505	W 20010308

AB A method for the treatment and/or prophylaxis of a hyperlipidemic condition or disorder comprises the administration of ≥ 1 HMG Co-A reductase inhibitors and one or more specific apical Na codependent bile acid transporter (ASBT) inhibitors is claimed. Thus, (4R,5R)-1-[[4-[4-[3-butyl-3-ethyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxo-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl-4-aza-1-azoniabicyclo[2.2.2]octane chloride (3,3-di-Bu analog preparation given) 0.375 mg/kg/day and lovastatin 0.45 mg/kg/day orally in dogs reduced serum triglycerides by 37% at 4 wk.

IT 228113-66-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

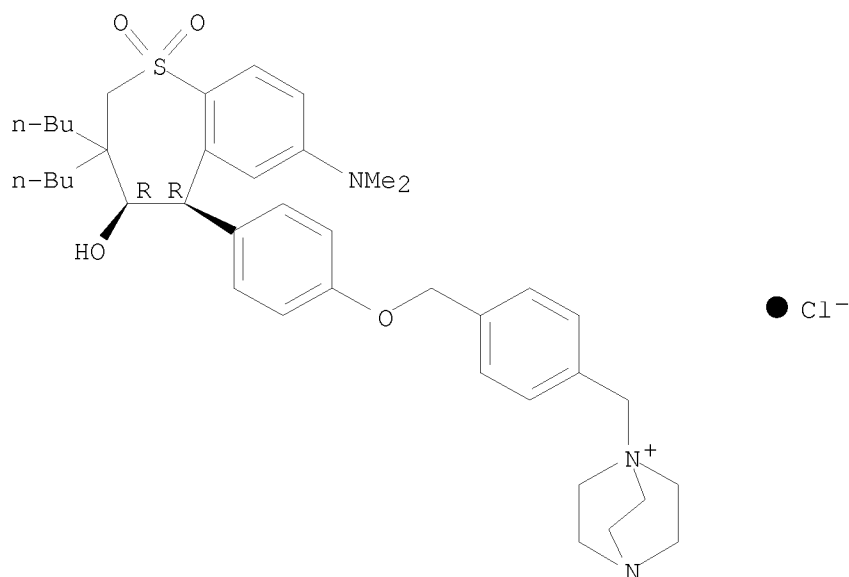
(preparation of tetrahydrobenzothiepinines and naphthalenes useful in combination therapy with HMG Co-A reductase inhibitors for the prophylaxis and treatment of hyperlipidemic conditions and disorders)

RN 228113-66-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,

1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



IT	280105-82-0	280105-83-1	280105-84-2
	280105-88-6	280105-89-7	280105-91-1
	280105-92-2	289037-90-7	289039-91-4
	361484-19-7	361484-23-3	361484-26-6

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(preparation of tetrahydrobenzothiepines and naphthalenes useful in combination therapy with HMG Co-A reductase inhibitors for the prophylaxis and treatment of hyperlipidemic conditions and disorders)

RN 280105-82-0 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, rel-, methanesulfonate (1:1) (CA INDEX NAME)

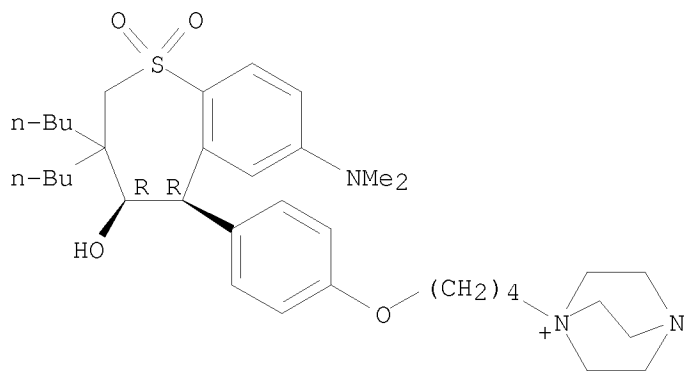
CM 1

CRN 280105-81-9

CMF C36 H56 N3 O4 S

Relative stereochemistry.

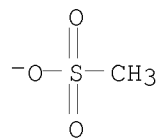
10/590,458



CM 2

CRN 16053-58-0

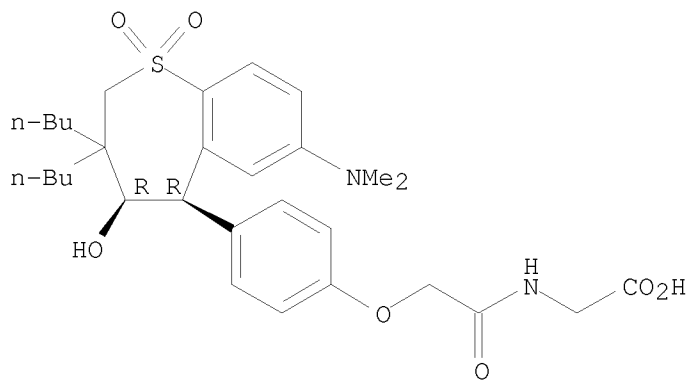
CMF C H3 O3 S



RN 280105-83-1 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

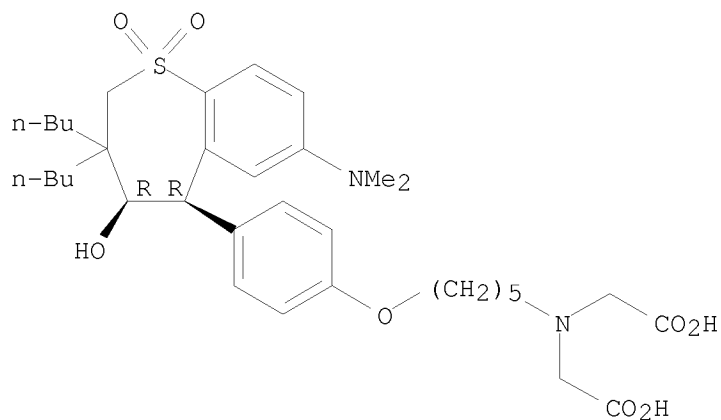


RN 280105-84-2 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)

10/590,458

Relative stereochemistry.

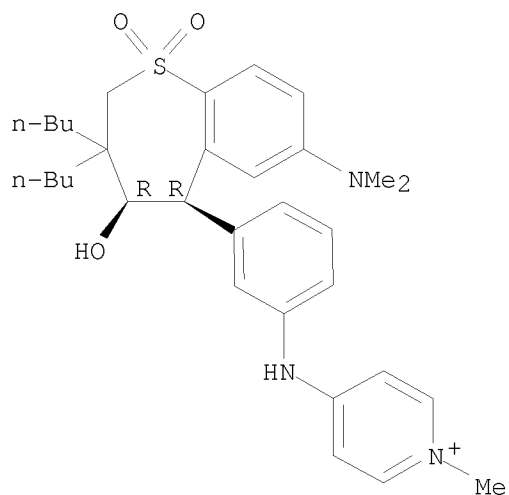


RN 280105-88-6 CAPLUS
CN Pyridinium, 4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-methyl-, rel-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 280105-87-5
CMF C32 H44 N3 O3 S

Relative stereochemistry.



CM 2

CRN 16722-51-3
CMF C7 H7 O3 S

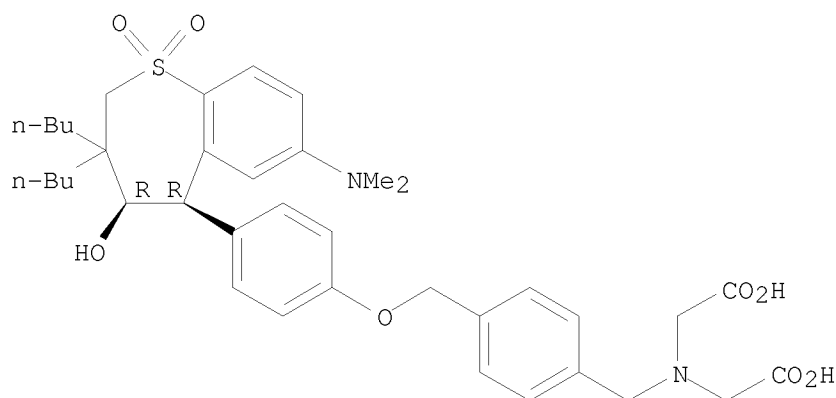
Cc1ccc(S(=O)(=O)O)cc1

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]phenyl]methyl]-
, chloride (1:1), rel- (CA INDEX NAME)

Glycine, N-(carboxymethyl)-N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy)methyl]phenyl)methyl]-, rel- (CA INDEX NAME)

Page 1133

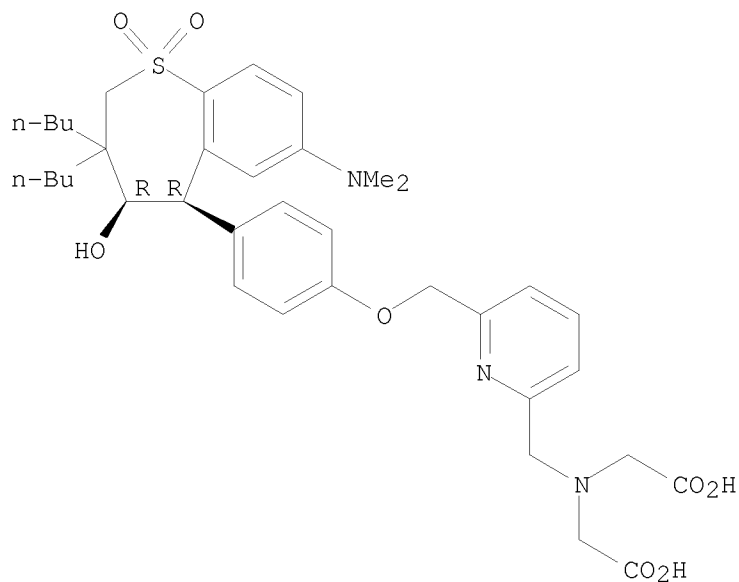
10/590,458



RN 280105-92-2 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 289037-90-7 CAPLUS

CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

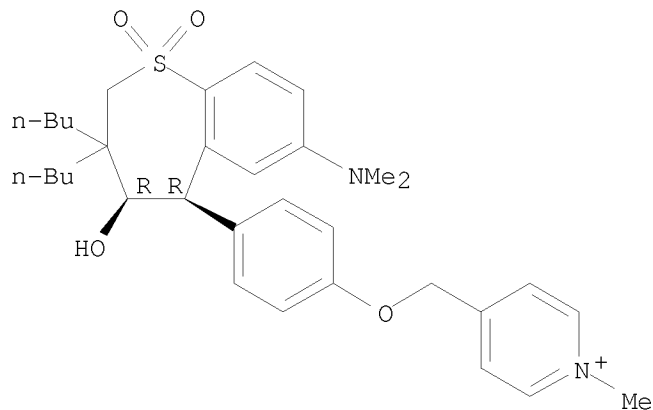
CM 1

CRN 289037-89-4

CMF C33 H45 N2 O4 S

Absolute stereochemistry.

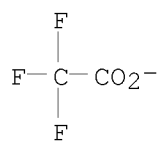
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2



RN 289039-91-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, rel-, salt with
4-methylbenzenesulfonic acid (1:1) (9CI) (CA INDEX NAME)

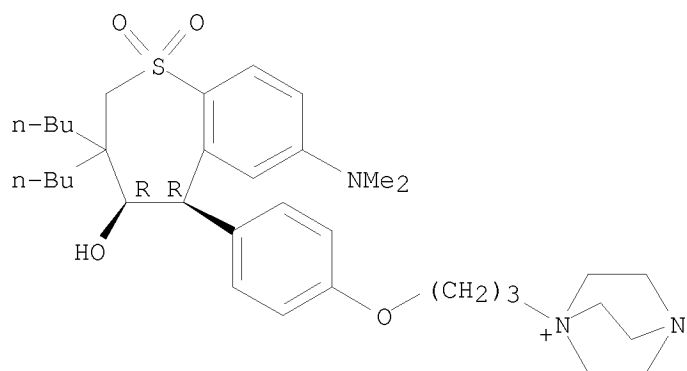
CM 1

CRN 289039-89-0

CMF C35 H54 N3 O4 S

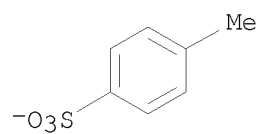
Relative stereochemistry.

10/590,458



CM 2

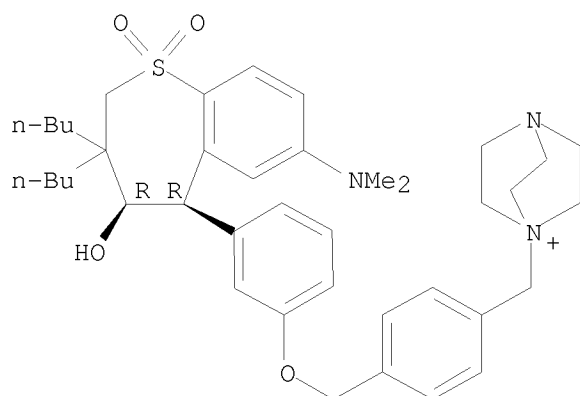
CRN 16722-51-3
CMF C7 H7 O3 S



RN 361484-19-7 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

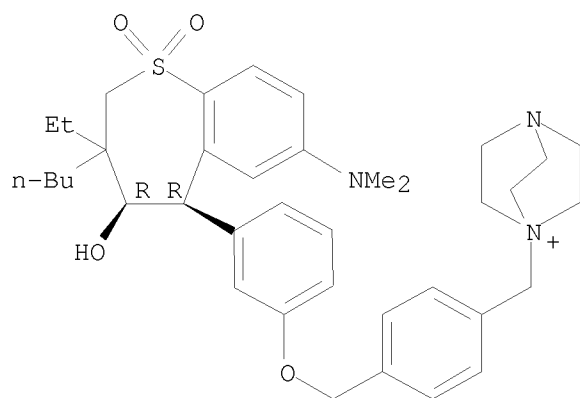
10/590,458



● Cl⁻

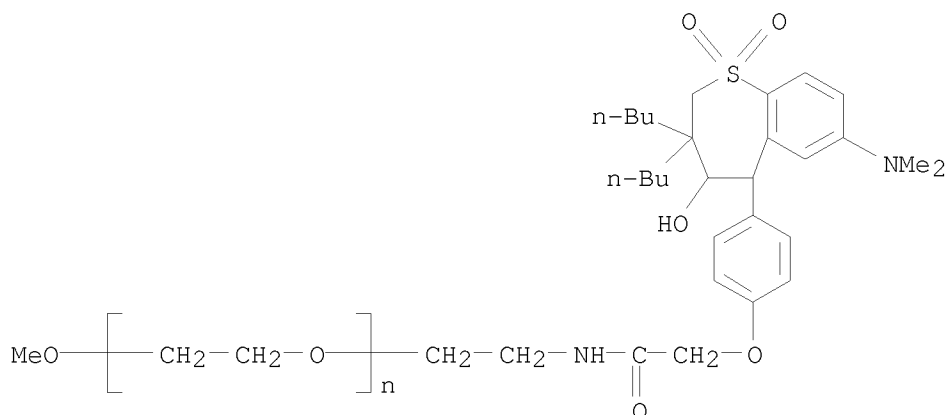
RN 361484-23-3 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[3-[(4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● Cl⁻

RN 361484-26-6 CAPLUS
CN Poly(oxy-1,2-ethanediyl), α -[2-[[[4-[(4R,5R)-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]acetyl]amino]ethyl]- ω -methoxy-, rel- (9CI) (CA INDEX
NAME)



IT 197373-42-5P

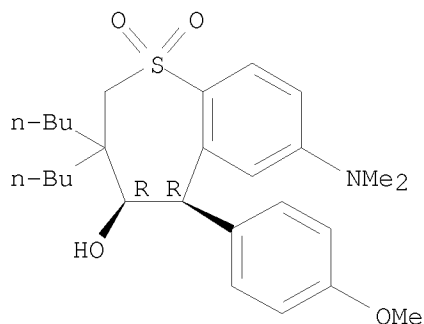
RL: PEP (Physical, engineering or chemical process); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); PROC (Process); RACT (Reactant or reagent)

(preparation of tetrahydrobenzothiepine and naphthalenes useful in combination therapy with HMG Co-A reductase inhibitors for the prophylaxis and treatment of hyperlipidemic conditions and disorders)

RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 228113-64-2P 361373-74-2P

RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

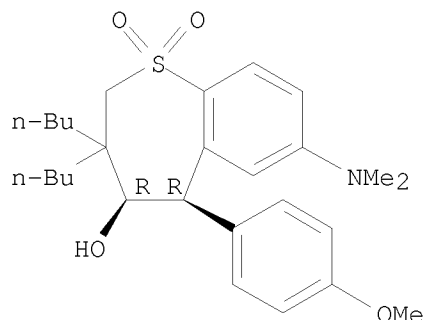
(preparation of tetrahydrobenzothiepine and naphthalenes useful in combination therapy with HMG Co-A reductase inhibitors for the prophylaxis and treatment of hyperlipidemic conditions and disorders)

RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

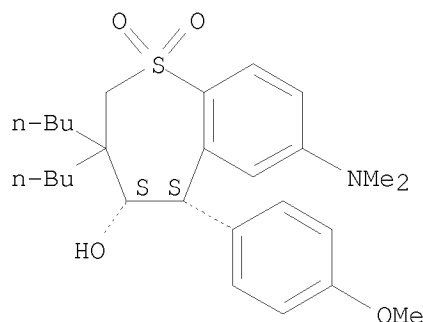
10/590,458



RN 361373-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.



IT 289038-78-4

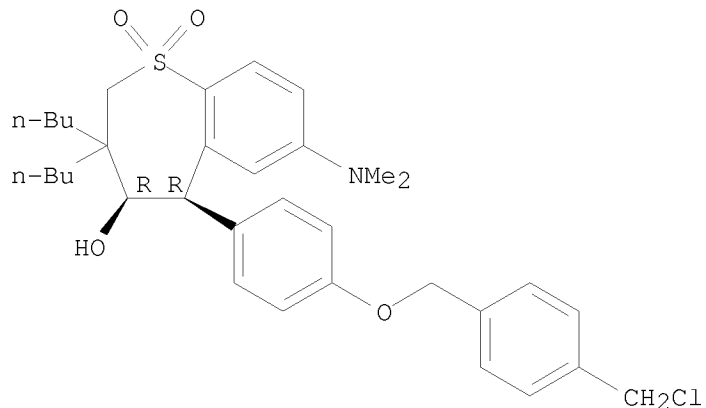
RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of tetrahydrobenzothiepines and naphthalenes useful in combination therapy with HMG Co-A reductase inhibitors for the prophylaxis and treatment of hyperlipidemic conditions and disorders)

RN 289038-78-4 CAPLUS

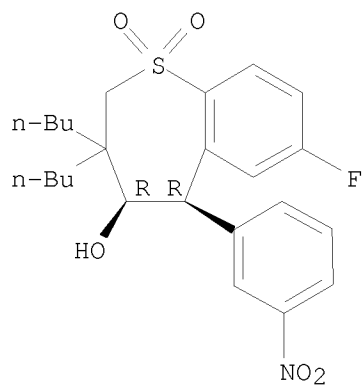
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT 197373-49-2P 197373-50-5P 197373-51-6P
 197373-55-0P 197373-56-1P 197373-57-2P
 228113-65-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of tetrahydrobenzothiepines and naphthalenes useful in
 combination therapy with HMG Co-A reductase inhibitors for the
 prophylaxis and treatment of hyperlipidemic conditions and disorders)
 RN 197373-49-2 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-
 nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

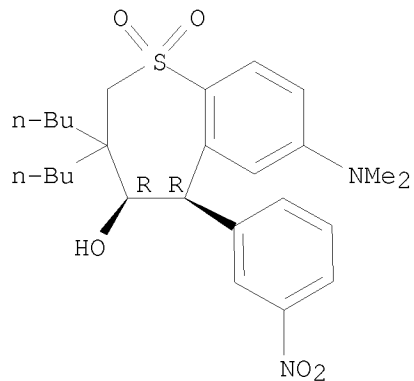
Relative stereochemistry.



RN 197373-50-5 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-
 nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

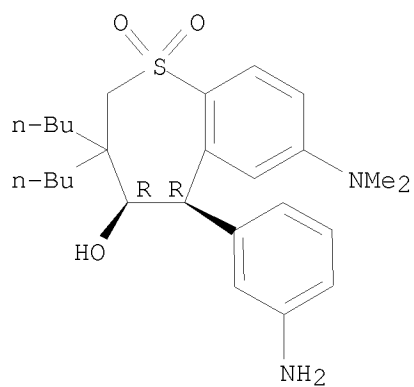
10/590,458



RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

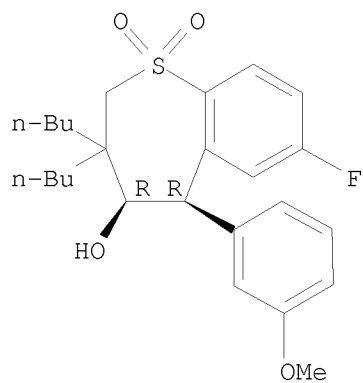
Relative stereochemistry.



RN 197373-55-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

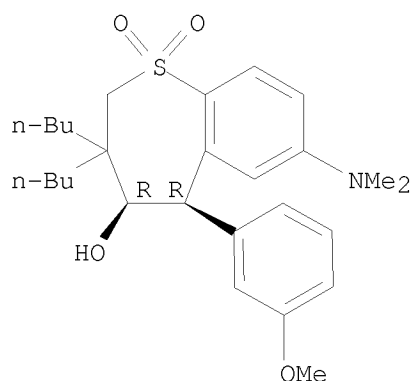


10/590,458

RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

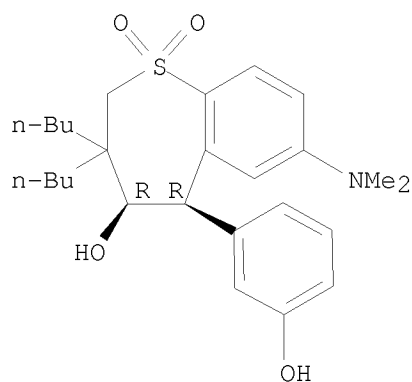
Relative stereochemistry.



RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

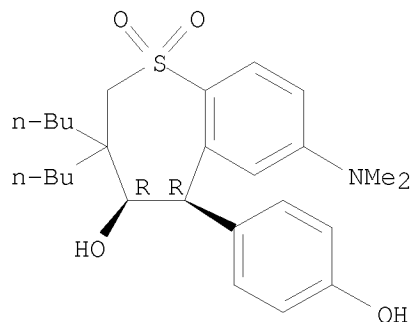


RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458



OS.CITING REF COUNT: 4

REFERENCE COUNT: 6

THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(4 CITINGS)

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 31 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:647876 CAPLUS

DOCUMENT NUMBER: 136:63448

TITLE: The effect of SC-635, a potent inhibitor of the ileal apical sodium co-dependent bile acid transporter, on cholesterol metabolism in rats

AUTHOR(S): Yang, P.-C.; Campion, J. G.; Tam, C. Y. J.; Nachowiak, D. A.; Brown, M. A.; Wagner, G. M.; Tremont, S. J.; Glenn, K. C.; Keller, B. T.

CORPORATE SOURCE: Neth.

SOURCE: Falk Symposium (2001), 120(Biology of Bile Acids in Health and Disease), 183-197

CODEN: FASYDI; ISSN: 0161-5580

PUBLISHER: Kluwer Academic Publishers

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

AB A review. The effect of benzothiephine analog, SC-635, as an inhibitor of ASBT was studied in male Wistar rats. The compound has been shown to have a potent activity against human Apical sodium co-dependent bile acid transporter (ASBT) expressed in cultured cells and is efficient in reducing cholesterol in rats at doses as low as 0.02 mg/kg per day. Moreover, the compound is effective when dosed once daily, probably due to a long duration of action at the target site in the intestine.

IT 280105-85-3, SC 635

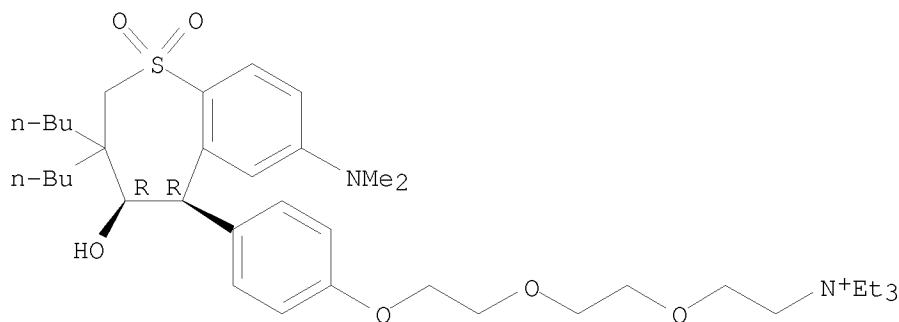
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(ASBT inhibitor SC-635 effect on cholesterol metabolism)

RN 280105-85-3 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

● Cl⁻

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 32 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:560070 CAPLUS

DOCUMENT NUMBER: 135:137410

TITLE: Preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors.

INVENTOR(S): Keller, Bradley T.; Glenn, Kevin C.; Manning, Robert E.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: U.S., 356 pp., Cont.-in-part of U.S. Ser. No. 831,284, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

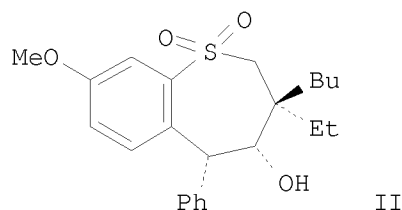
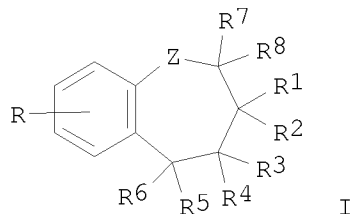
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6268392	B1	20010731	US 1998-37308	19980309
CA 2506703	A1	19970918	CA 1997-2506703	19970311
EP 1440972	A1	20040728	EP 2004-10088	19970311
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
AU 761249	B2	20030529	AU 2000-53394	20000816
US 6420417	B1	20020716	US 2000-676466	20000929
US 20030171426	A1	20030911	US 2002-76091	20020215
US 6642268	B2	20031104		
AU 2003201377	A1	20030612	AU 2003-201377	20030318
US 20040157915	A1	20040812	US 2003-620460	20030717
US 6943189	B2	20050913		

PRIORITY APPLN. INFO.:

US 1994-305526	A2	19940912
US 1995-517051	A1	19950821
US 1996-13119P	P	19960311
US 1997-40660P	P	19970311
US 1997-816065	A2	19970311
US 1997-831284	B2	19970331
AU 1997-23266	A3	19970311
CA 1997-2248586	A3	19970311
EP 1997-915976	A3	19970311
US 1998-37308	A3	19980309
AU 2000-53394	A3	20000816
US 2000-676466	A3	20000929
US 2002-76091	A1	20020215

OTHER SOURCE(S): MARPAT 135:137410

GI



AB Title compds. [I; R = H or 1-4 of alkyl, alkenyl, alkynyl, acyloxy, aryl, aralkyl, halo, etc.; R1, R2 = H, (substituted) alkyl, alkenyl, alkynyl, haloalkyl, alkylaryl, alkoxy, dialkylamino, etc.; R1R2C = cycloalkylidene; R3, R4 = H, alkyl, alkenyl, alkynyl, acyloxy, aryl, heterocyclyl, heteroaryl, etc.; R3R4 = O, S, NOR11, etc.; R11 = H, alkyl, alkenyl, alkynyl, aryl, aralkyl, etc.; R5, R6 = H, alkyl, alkenyl, alkynyl, aryl, cycloalkyl, heterocyclyl, etc.; R7, R8 = H, alkyl; Z = SO0-2], were prepared A composition comprising an ileal bile acid transport inhibitor and an HMG Co-A reductase inhibitor is claimed. Thus, title compound (II) (preparation via 2-mercapto-4-methoxybenzophenone given) at 0.2% as an ileal perfusion in guinea pigs reduced HDL cholesterol from 89 mg% to 76 mg%.

IT	1064152-87-9	1064152-88-0	1064152-89-1
	1064152-92-6	1064152-95-9	1064153-00-9
	1064153-01-0	1064153-02-1	1064153-03-2
	1064153-05-4	1064153-07-6	1064153-10-1
	1064153-11-2	1064153-15-6	1064153-16-7
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RL: PRPH (Prophetic)

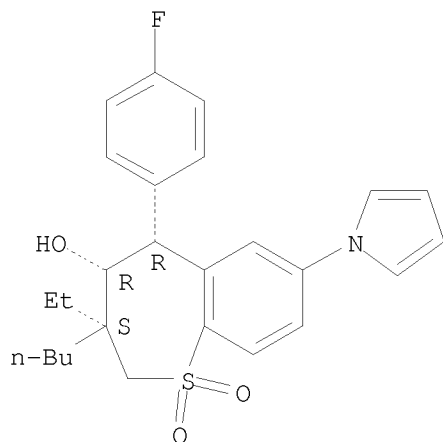
(Preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors.)

RN 1064152-87-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrrol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

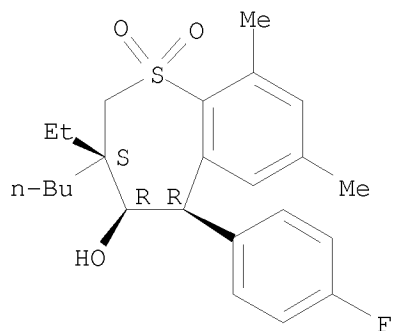
10/590,458



RN 1064152-88-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

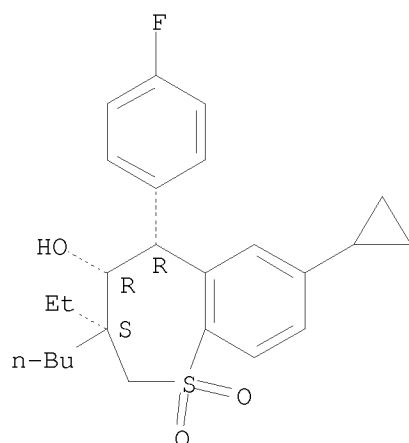


RN 1064152-89-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

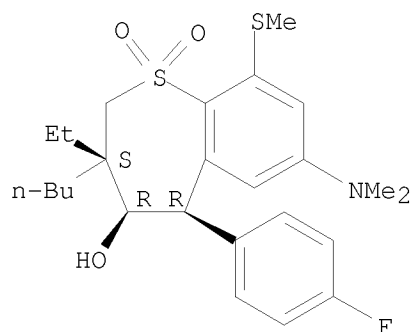
Absolute stereochemistry.

10/590,458



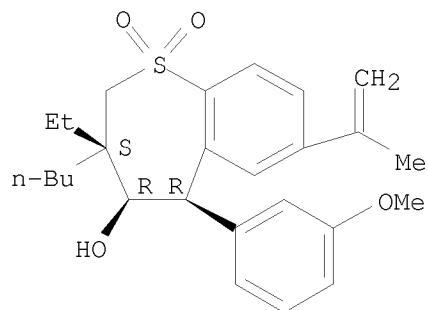
RN 1064152-92-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064152-95-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

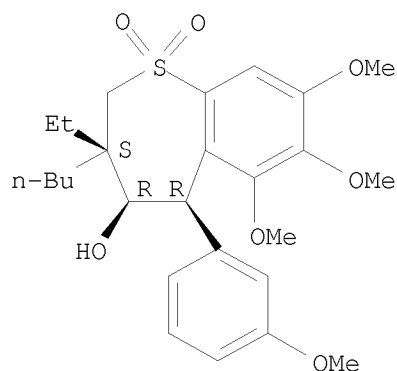


10/590,458

RN 1064153-00-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

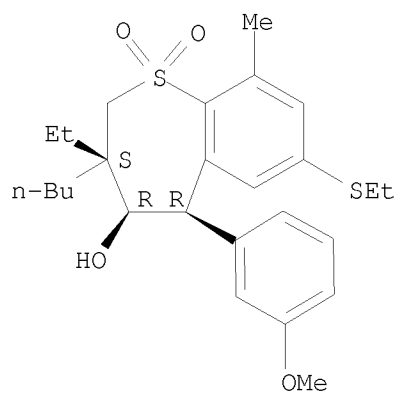
Absolute stereochemistry.



RN 1064153-01-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

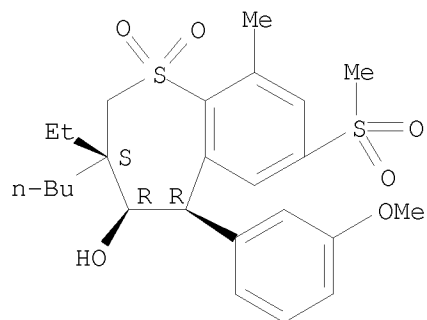


RN 1064153-02-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

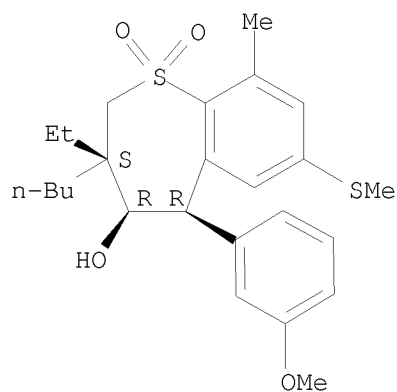
10/590,458



RN 1064153-03-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

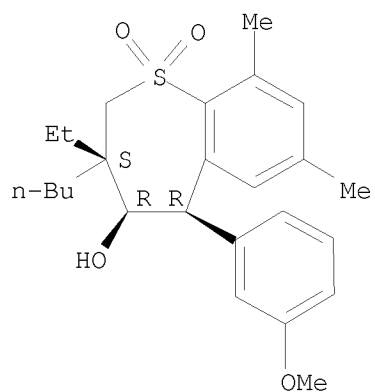


RN 1064153-05-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

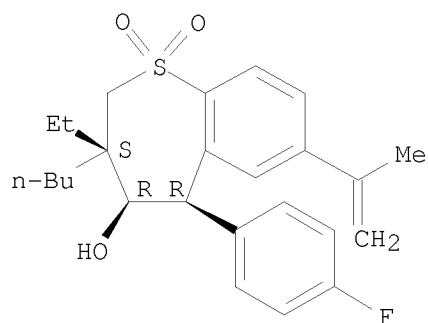
10/590,458



RN 1064153-07-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

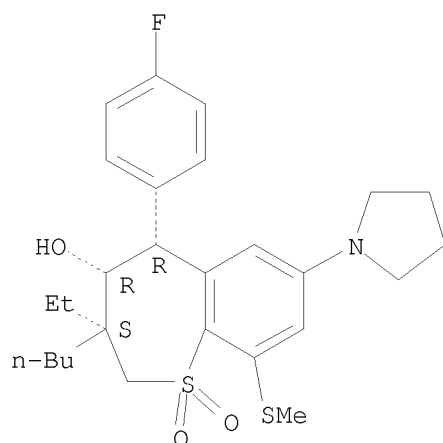


RN 1064153-10-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylthio)-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

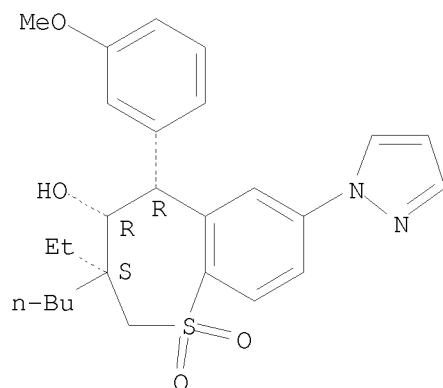
Absolute stereochemistry.

10/590,458



RN 1064153-11-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

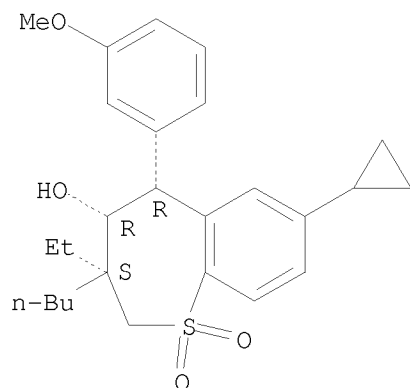
Absolute stereochemistry.



RN 1064153-15-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

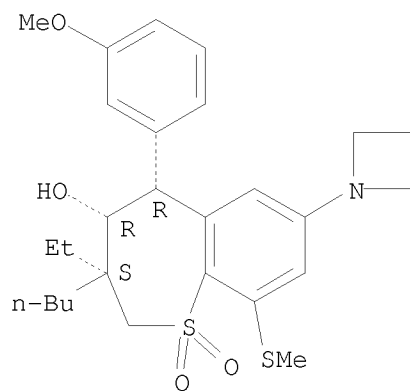
10/590,458



RN 1064153-16-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

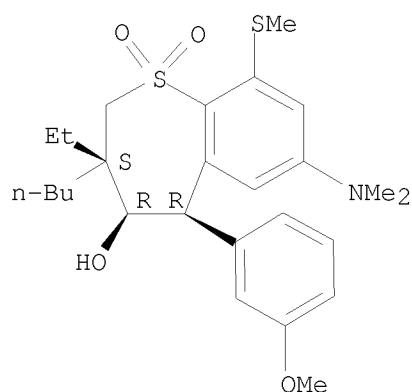


RN 1064153-18-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

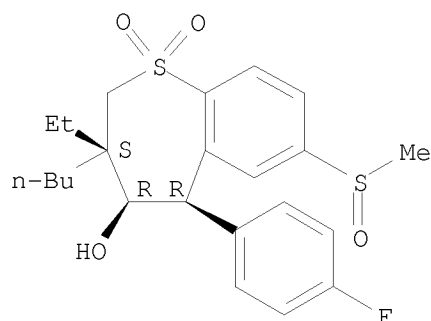
10/590,458



RN 1064153-62-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

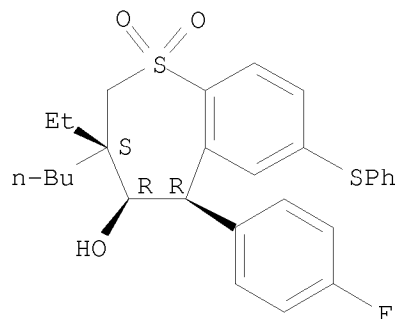
Absolute stereochemistry.



RN 1064153-63-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



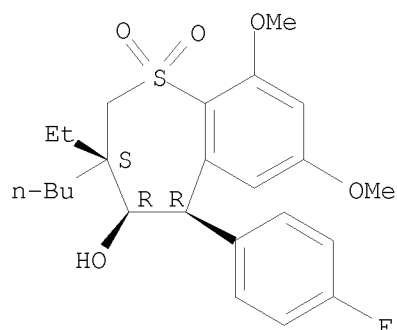
RN 1064153-64-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-

10/590,458

7,9-dimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

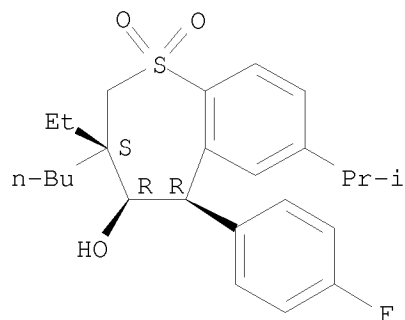
Absolute stereochemistry.



RN 1064153-65-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

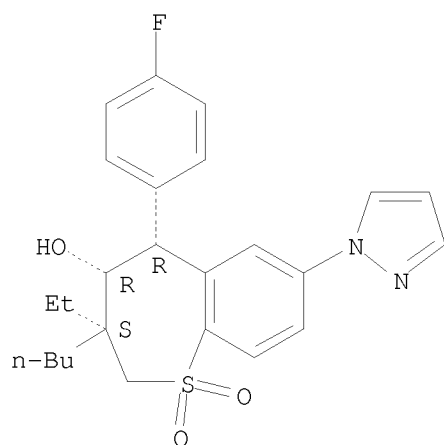
Absolute stereochemistry.



RN 1064153-66-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

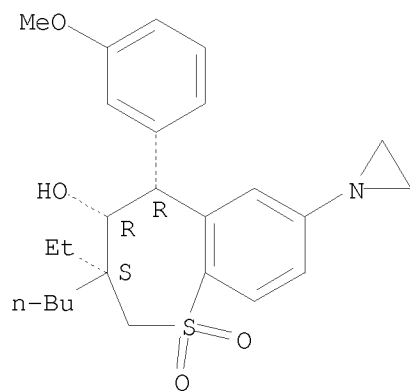
Absolute stereochemistry.



RN 1064153-67-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

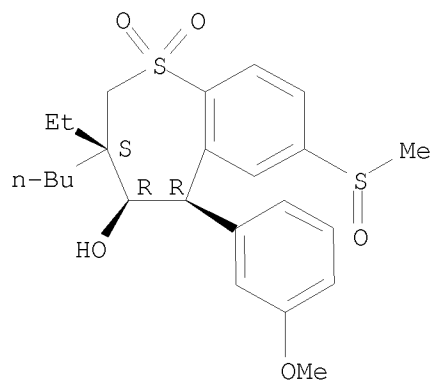


RN 1064153-68-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

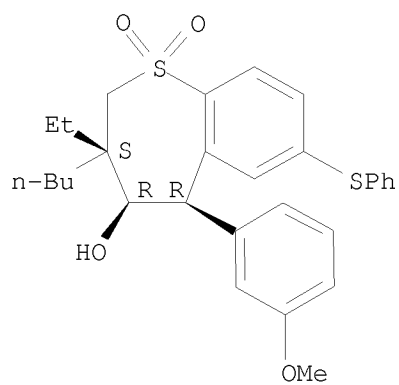
10/590,458



RN 1064153-69-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

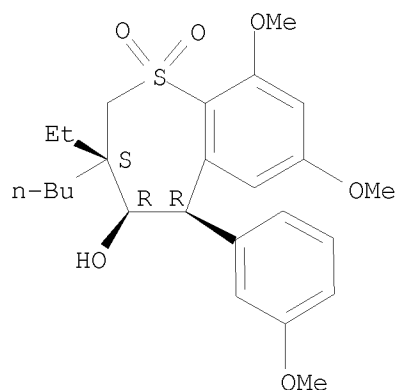


RN 1064153-70-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7,9-dimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

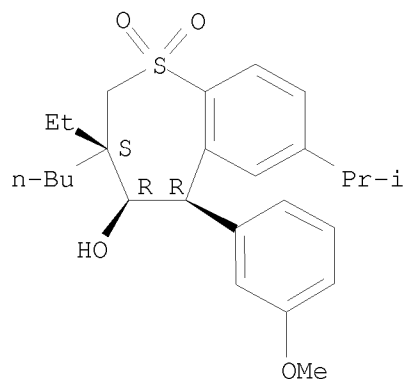
10/590,458



RN 1064153-71-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

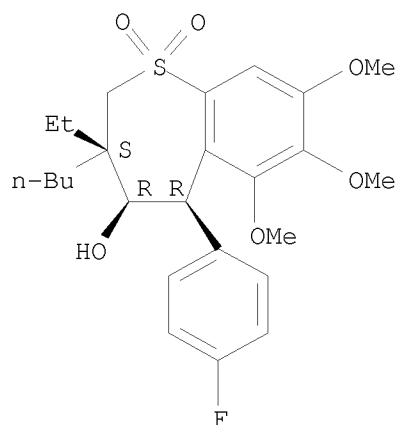


RN 1064153-72-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-6,7,8-trimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

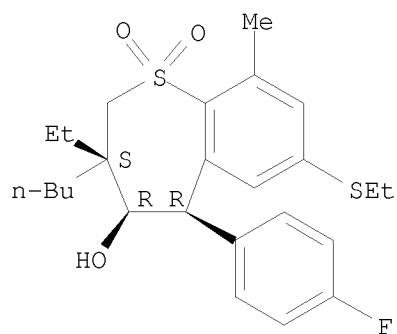
Absolute stereochemistry.

10/590,458



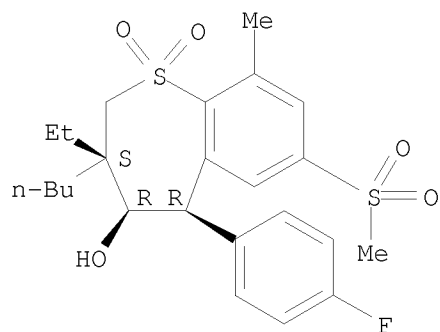
RN 1064153-73-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064153-74-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

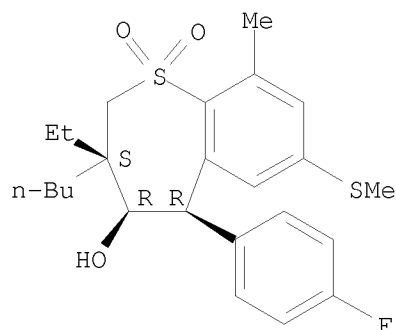


10/590,458

RN 1064153-75-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

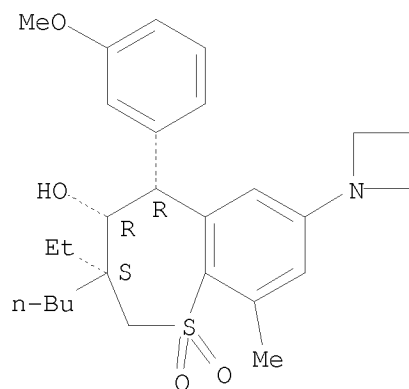
Absolute stereochemistry.



RN 1064153-77-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

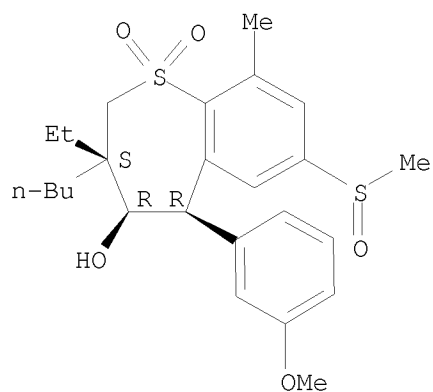


RN 1064153-78-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

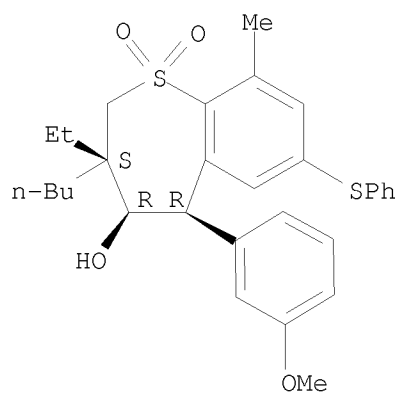
10/590,458



RN 1064153-79-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

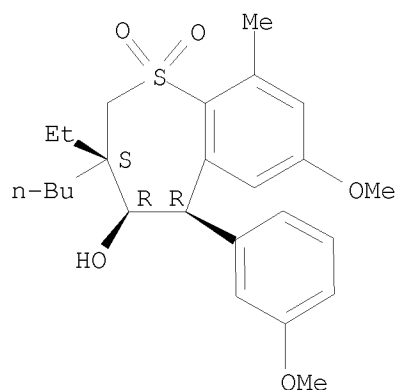


RN 1064153-80-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

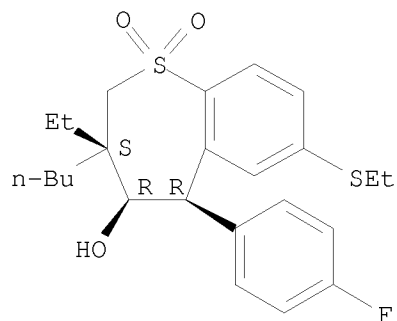
10/590,458



RN 1064154-41-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

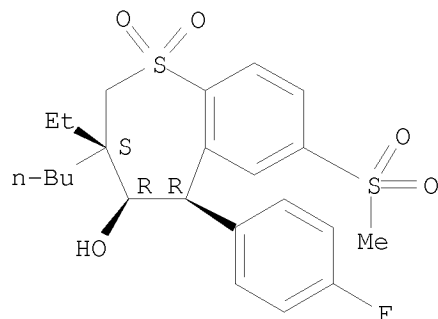
Absolute stereochemistry.



RN 1064154-42-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



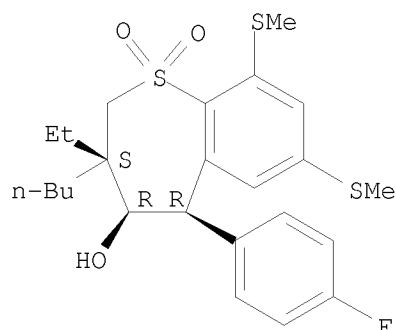
RN 1064154-43-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-

10/590,458

7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

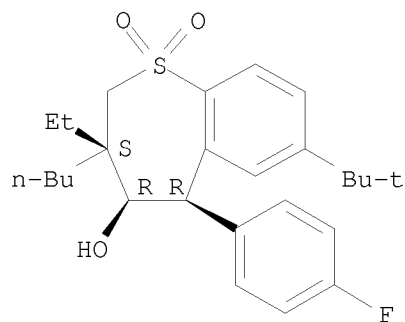
Absolute stereochemistry.



RN 1064154-45-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

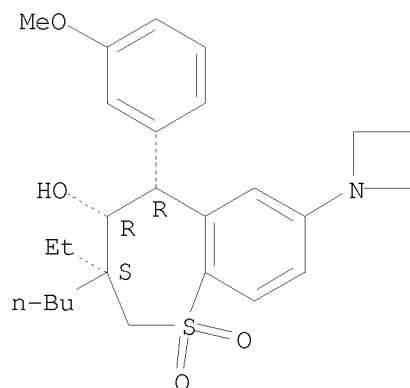


RN 1064154-46-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

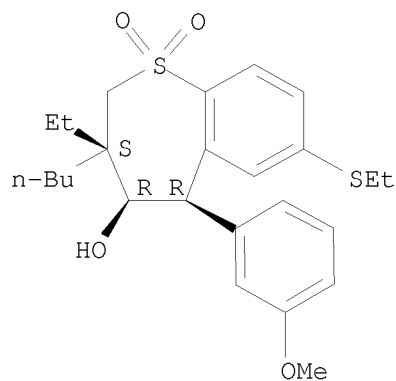
10/590,458



RN 1064154-47-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

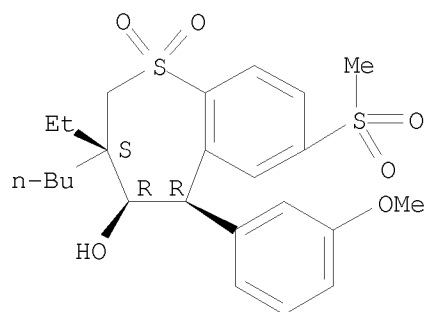
Absolute stereochemistry.



RN 1064154-48-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

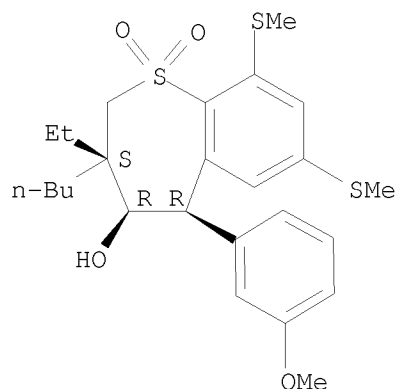


10/590,458

RN 1064154-49-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

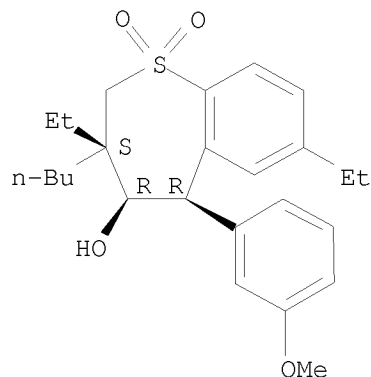
Absolute stereochemistry.



RN 1064154-50-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3,7-diethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

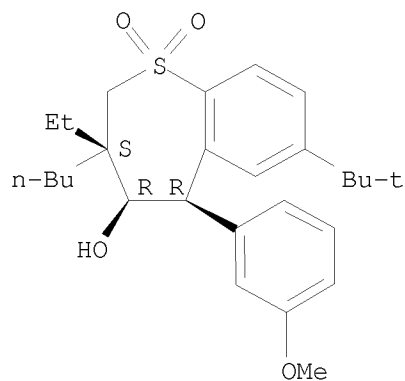


RN 1064154-52-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

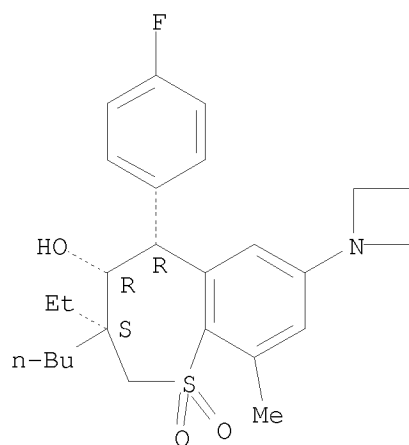
Absolute stereochemistry.

10/590,458



RN 1064154-53-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

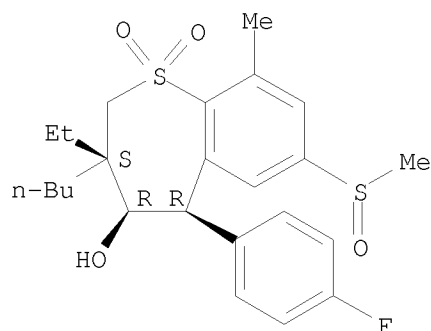
Absolute stereochemistry.



RN 1064154-54-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
9-methyl-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

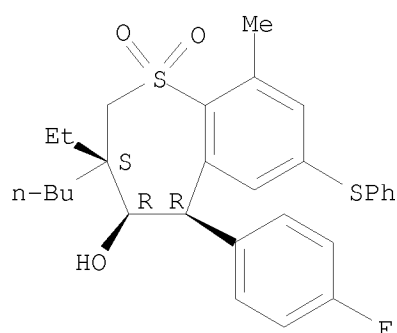
10/590,458



RN 1064154-55-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

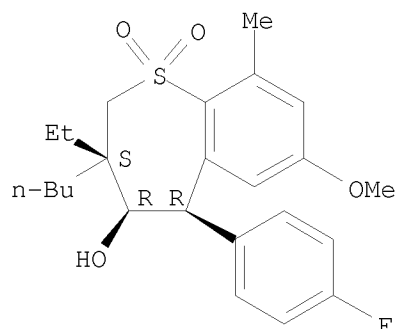
Absolute stereochemistry.



RN 1064154-56-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



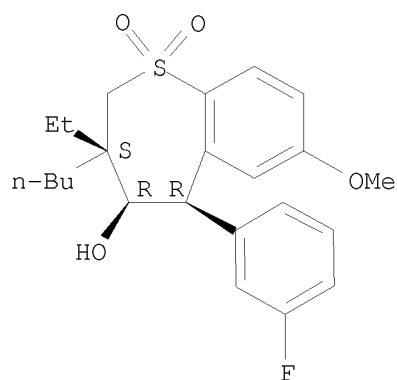
RN 1064589-21-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-

10/590,458

7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

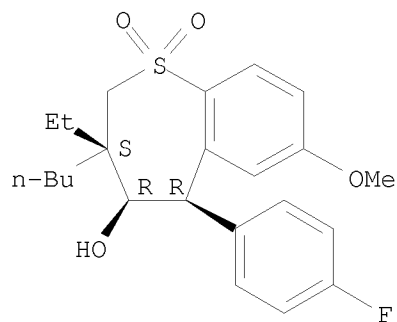
Absolute stereochemistry.



RN 1064589-22-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

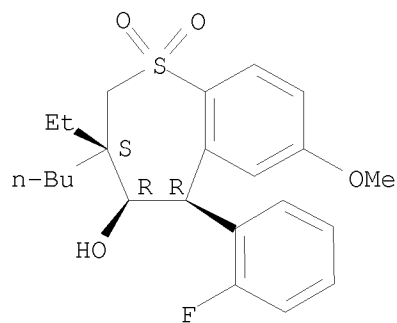
Absolute stereochemistry.



RN 1064589-23-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

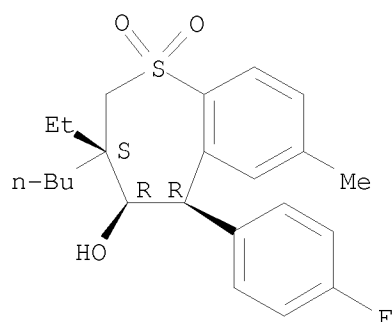


10/590,458

RN 1064589-25-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

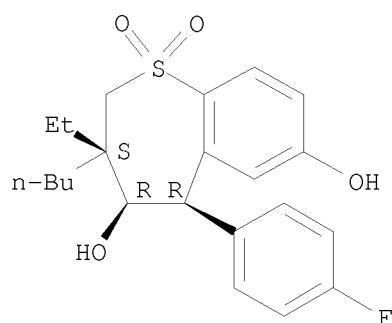
Absolute stereochemistry.



RN 1064591-63-4 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

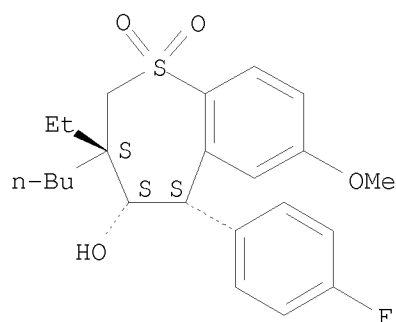
Absolute stereochemistry.



RN 1064591-95-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

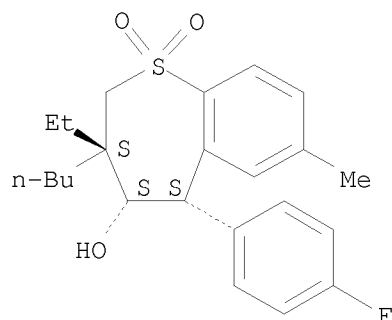


10/590,458

RN 1064592-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

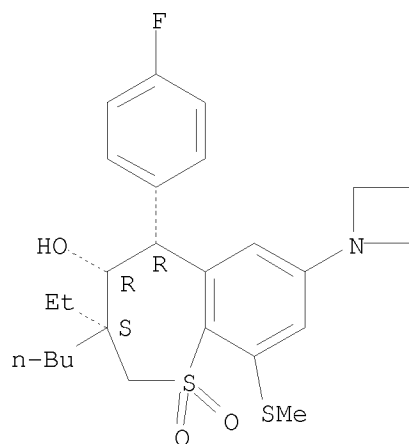
Absolute stereochemistry.



RN 1100647-02-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

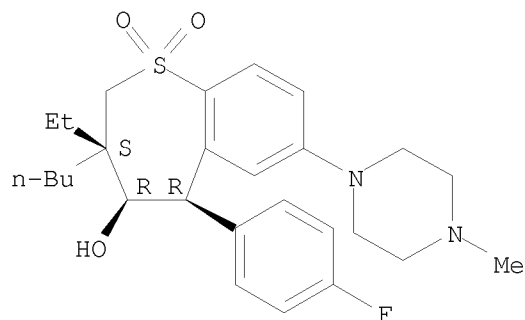


RN 1100647-06-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

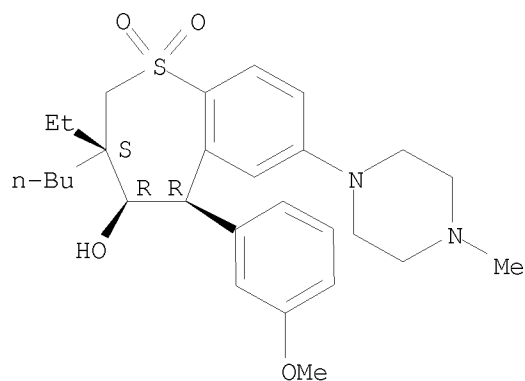
10/590,458



RN 1100647-07-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

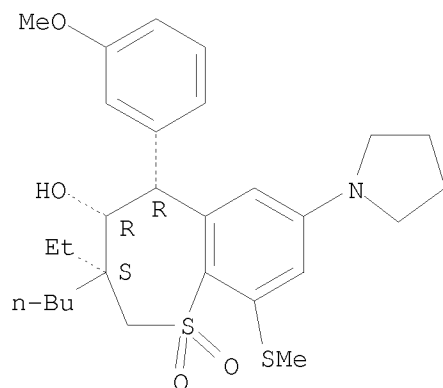


RN 1100647-08-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

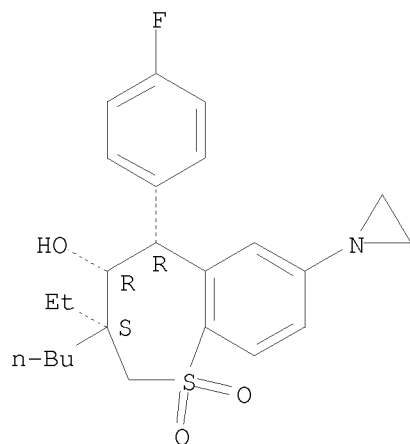
10/590,458



RN 1100647-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-3-ethyl-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

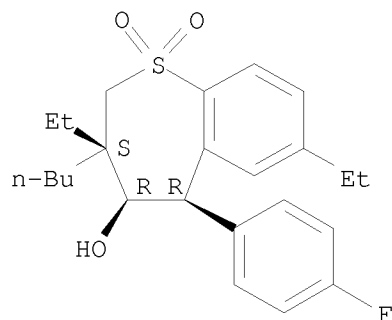


RN 1100647-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3,7-diethyl-5-(4-fluorophenyl)-2,3,4,5-
tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

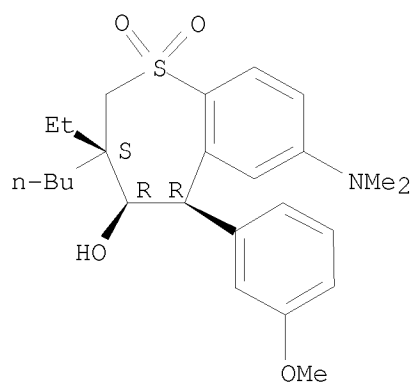
Absolute stereochemistry.

10/590,458



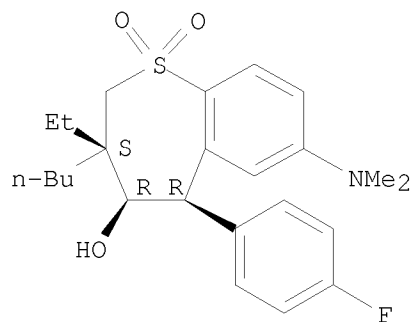
RN 1101104-38-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1101104-39-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

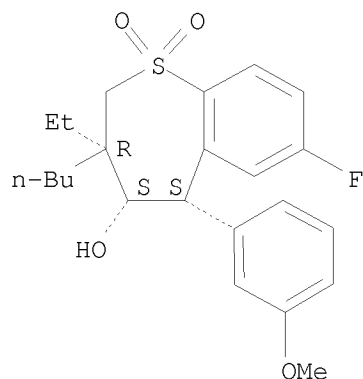
Absolute stereochemistry.



RN 1101104-50-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

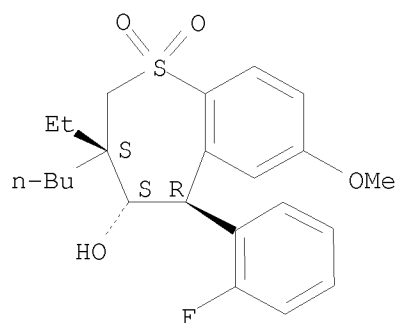
10/590,458



RN 1101104-54-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5R)- (CA INDEX NAME)

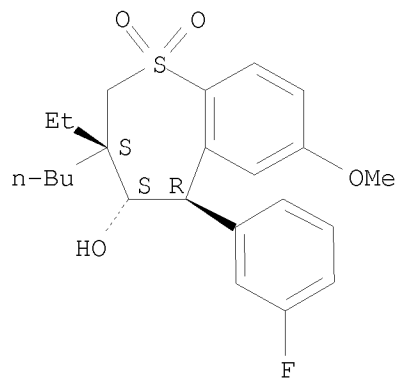
Absolute stereochemistry.



RN 1101104-55-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5R)- (CA INDEX NAME)

Absolute stereochemistry.

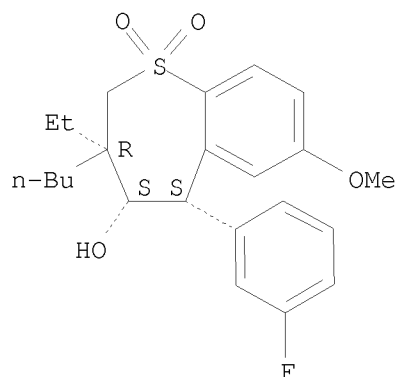


RN 1139891-39-6 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)- (CA INDEX NAME)

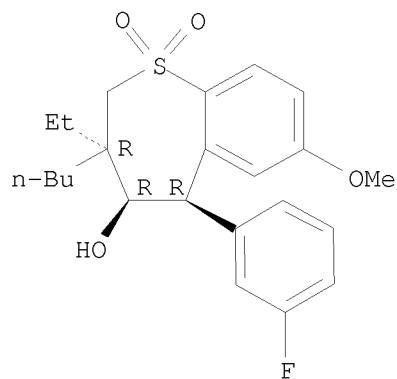
Absolute stereochemistry.



RN 1139891-40-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

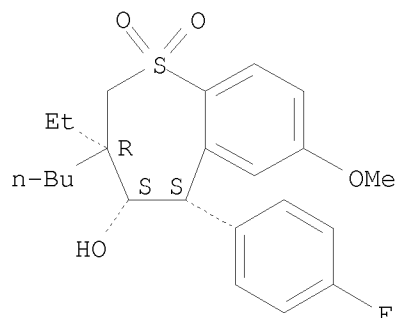


RN 1139891-42-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

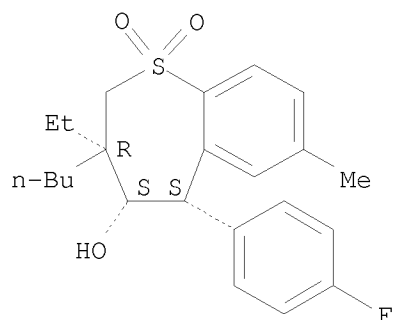
10/590,458



RN 1139891-43-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)- (CA INDEX NAME)

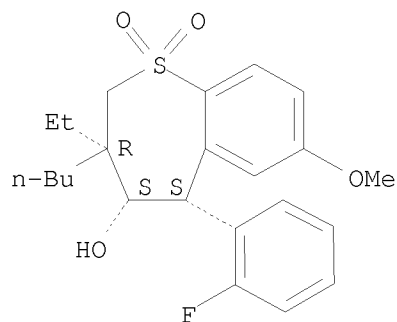
Absolute stereochemistry.



RN 1139891-44-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

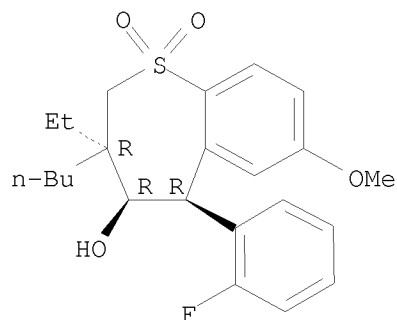


RN 1139891-45-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

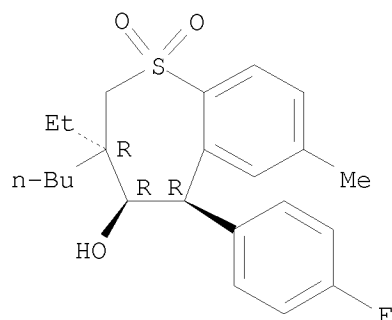
Absolute stereochemistry.

10/590,458



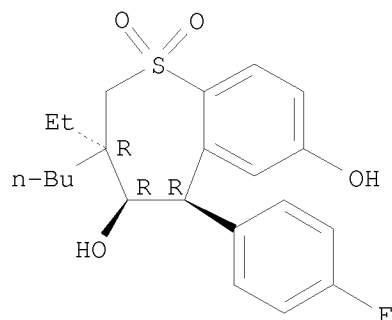
RN 1139891-46-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



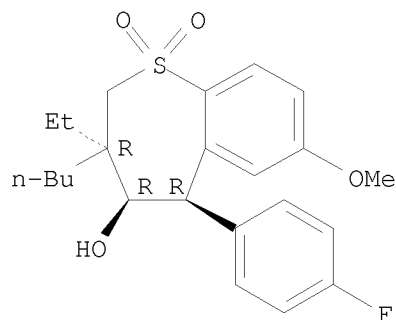
RN 1139891-47-6 CAPLUS
CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1139891-49-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT	178678-25-6P	178678-26-7P	178678-27-8P
	178678-39-2P	178678-40-5P	178678-43-8P
	178678-44-9P	178678-45-0P	178678-48-3P
	178678-54-1P	178897-95-5P	178897-96-6P
	178897-97-7P	178898-00-5P	178898-01-6P
	178898-02-7P	178898-04-9P	178898-05-0P
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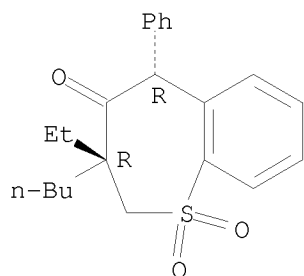
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of ileal bile acid transport inhibiting benzothiepines for combination therapy with HMG Co-A reductase inhibitors)

RN 178678-25-6 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-, 1,1-dioxide, (3R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

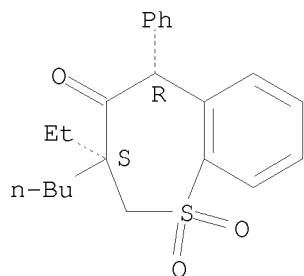


10/590,458

RN 178678-26-7 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5S)-rel- (CA INDEX NAME)

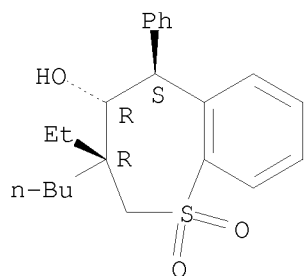
Relative stereochemistry.



RN 178678-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

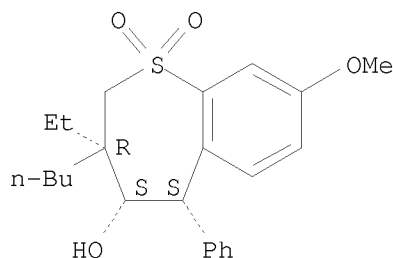
Relative stereochemistry.



RN 178678-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

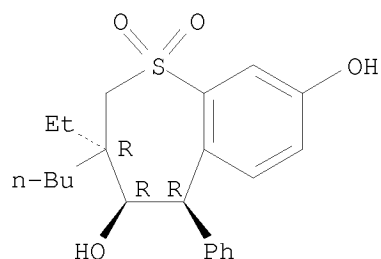


RN 178678-40-5 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

10/590,458

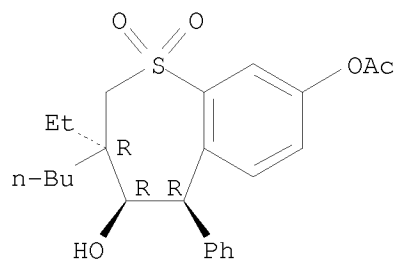
Relative stereochemistry.



RN 178678-43-8 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 8-acetate, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

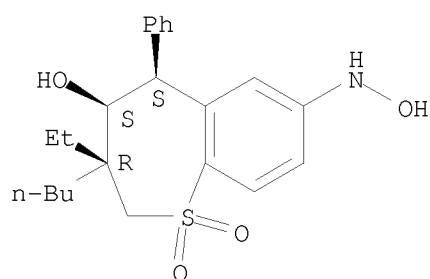
Relative stereochemistry.



RN 178678-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

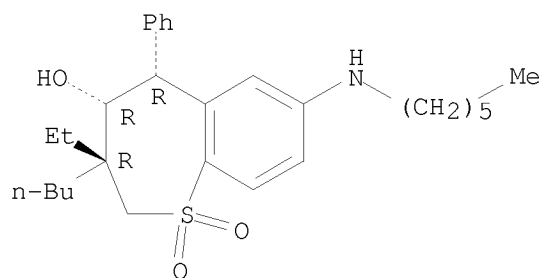


RN 178678-45-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

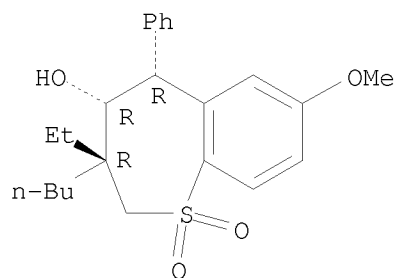
10/590,458



RN 178678-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

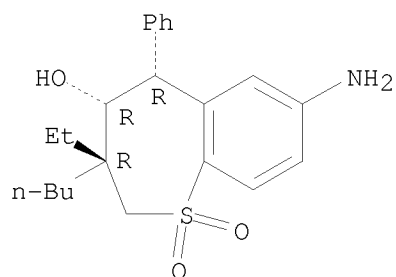
Relative stereochemistry.



RN 178678-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

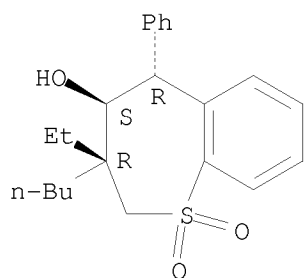


RN 178897-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

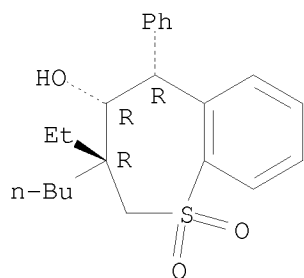
10/590,458



RN 178897-96-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

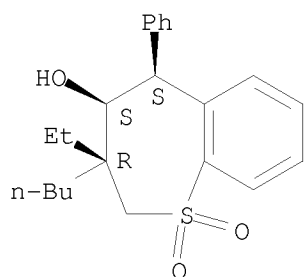
Relative stereochemistry.



RN 178897-97-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

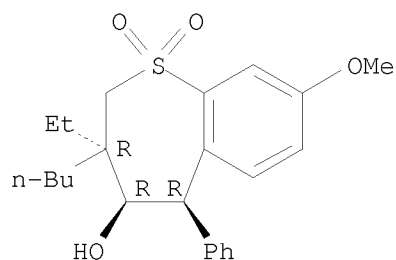


RN 178898-00-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

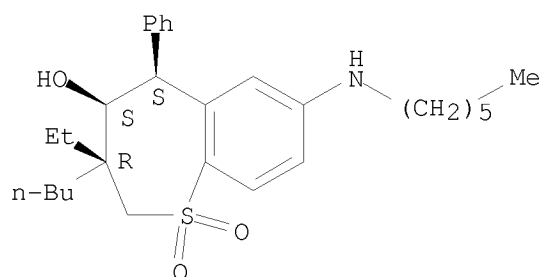
Relative stereochemistry.

10/590,458



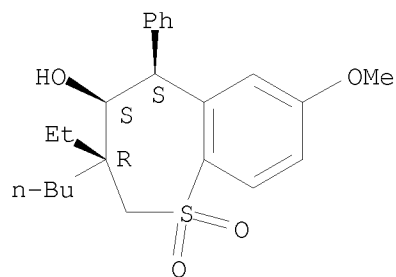
RN 178898-01-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178898-02-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

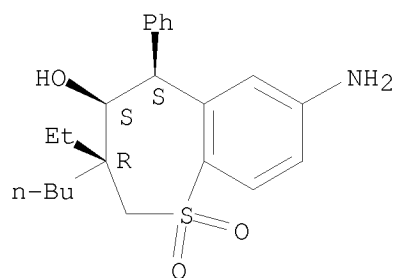
Relative stereochemistry.



RN 178898-04-9 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

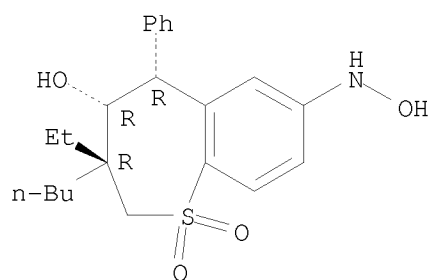
10/590,458



RN 178898-05-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

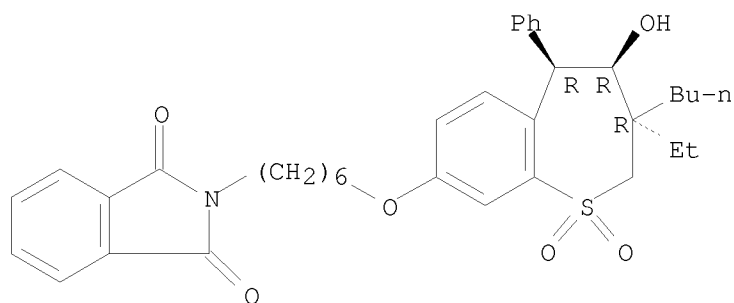
Relative stereochemistry.



RN 197372-69-3 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

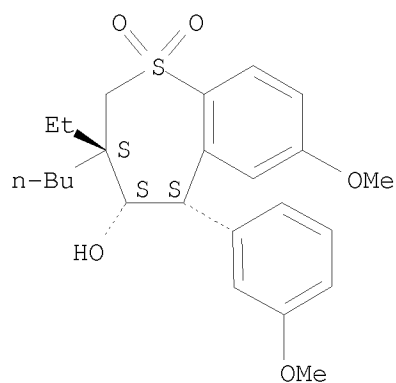


RN 197372-70-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

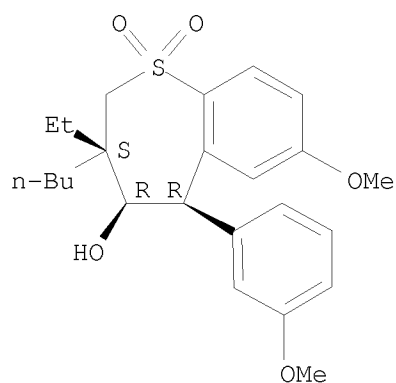
10/590,458



RN 197372-71-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

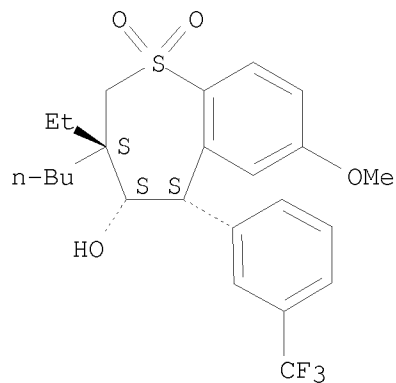
Relative stereochemistry.



RN 197372-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

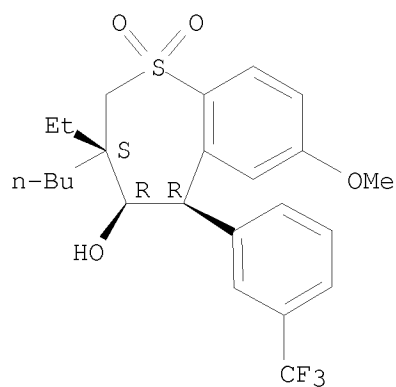


10/590,458

RN 197372-73-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

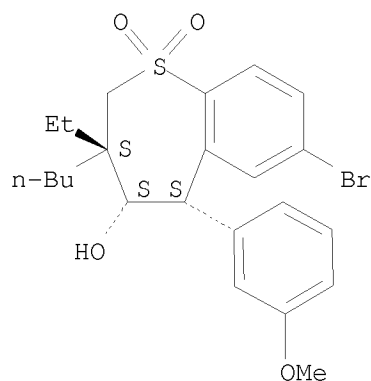
Relative stereochemistry.



RN 197372-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

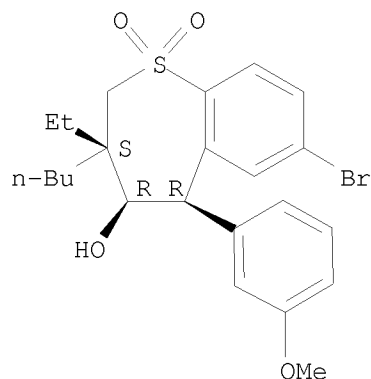
Relative stereochemistry.



RN 197372-75-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

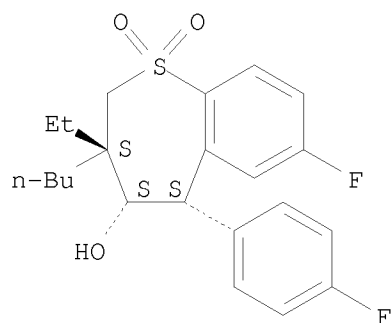
Relative stereochemistry.



RN 197372-76-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

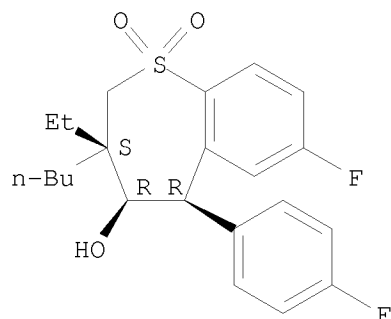
Relative stereochemistry.



RN 197372-77-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

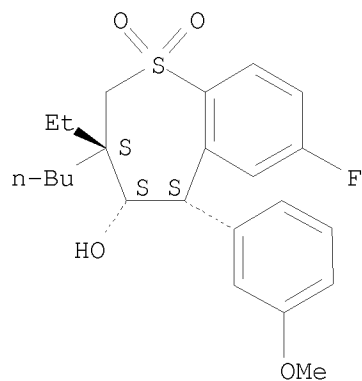


RN 197372-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

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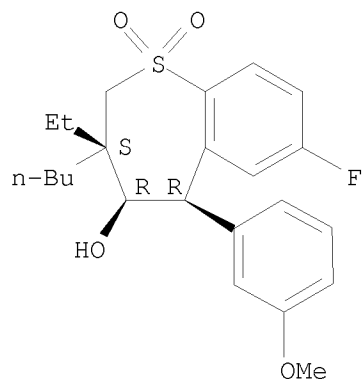
Relative stereochemistry.



RN 197372-79-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

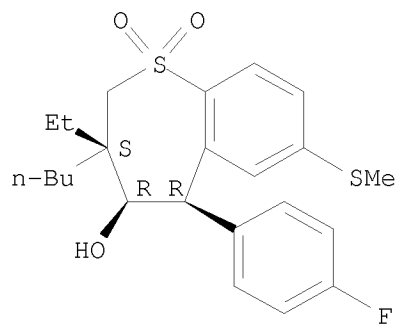
Relative stereochemistry.



RN 197372-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

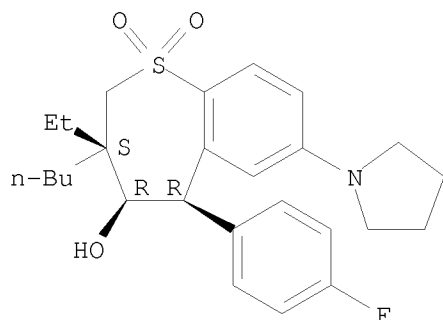


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RN 197372-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

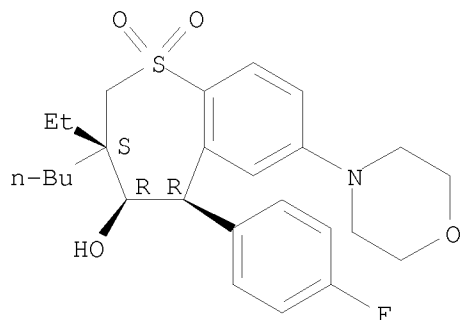
Relative stereochemistry.



RN 197372-82-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

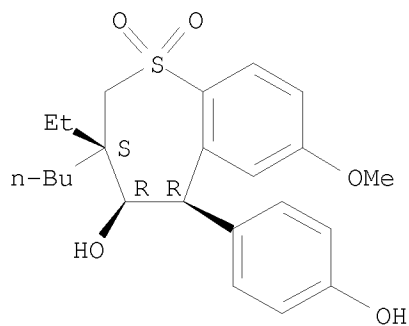
Relative stereochemistry.



RN 197372-83-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

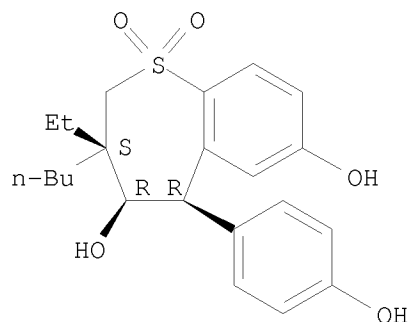


10/590,458

RN 197372-84-2 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

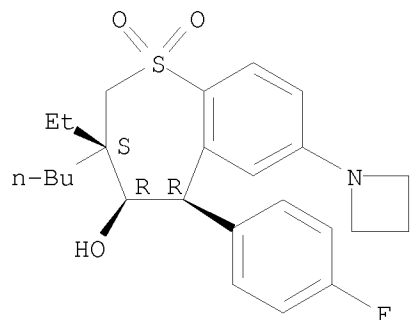
Relative stereochemistry.



RN 197372-85-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

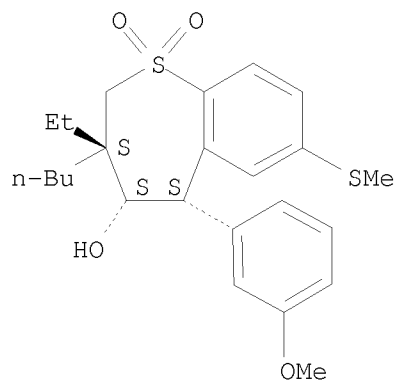


RN 197372-86-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

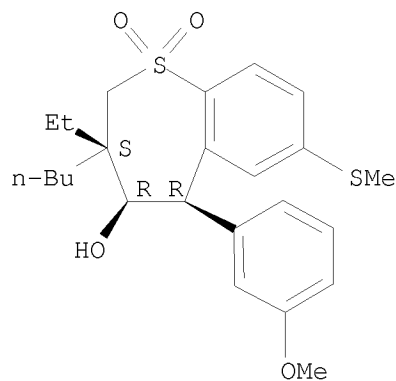
Relative stereochemistry.

10/590,458



RN 197372-87-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

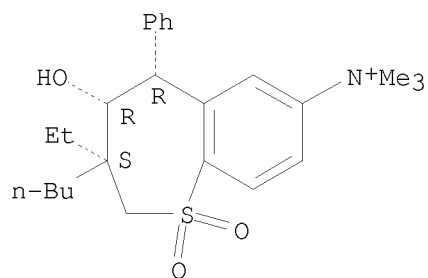
Relative stereochemistry.



RN 197372-88-6 CAPLUS
CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

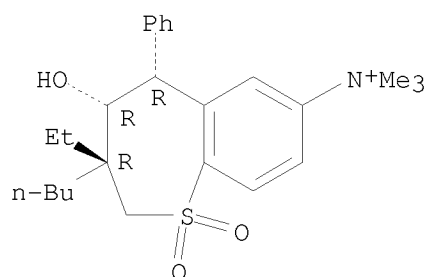
10/590,458



RN 197372-89-7 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4R,5R)-rel- (9CI) (CA INDEX NAME)

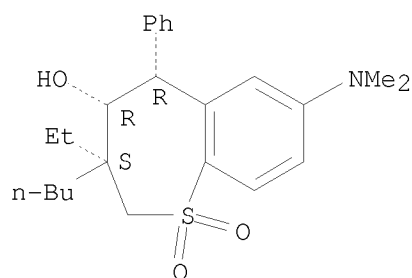
Relative stereochemistry.



RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

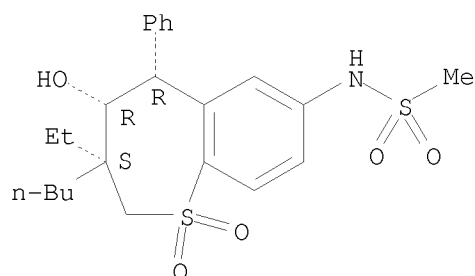


10/590,458

RN 197372-91-1 CAPLUS

CN Methanesulfonamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

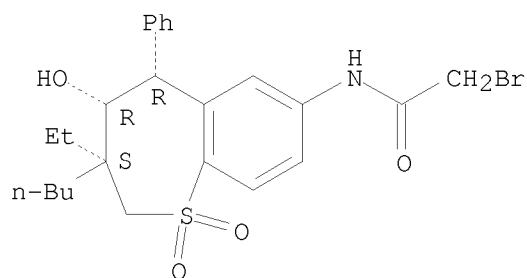
Relative stereochemistry.



RN 197372-92-2 CAPLUS

CN Acetamide, 2-bromo-N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

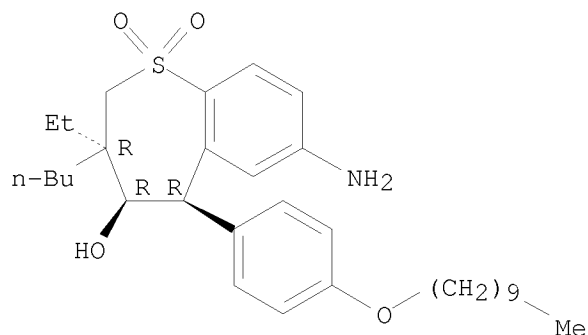
Relative stereochemistry.



RN 197372-93-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

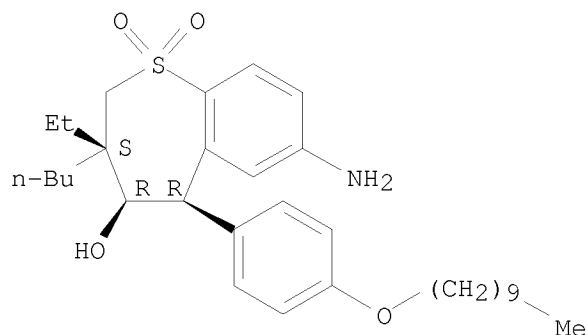


10/590,458

RN 197372-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-
2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

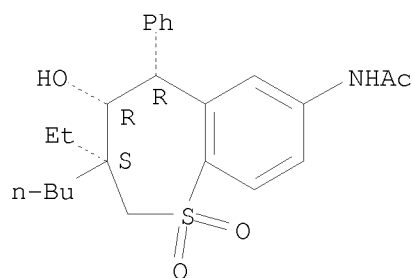
Relative stereochemistry.



RN 197372-96-6 CAPLUS

CN Acetamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

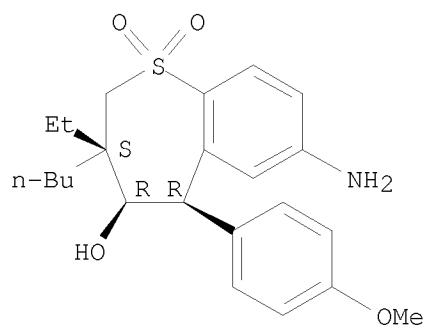
Relative stereochemistry.



RN 197372-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

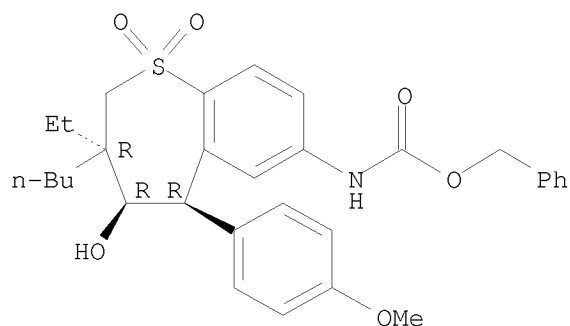


10/590,458

RN 197373-00-5 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

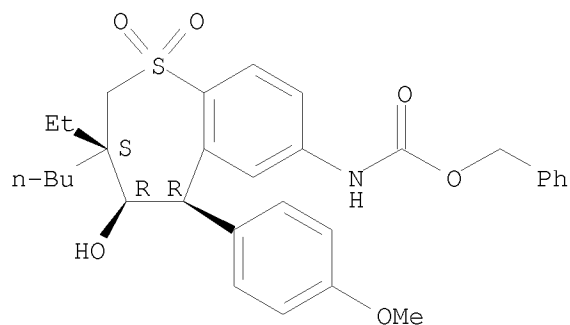
Relative stereochemistry.



RN 197373-01-6 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

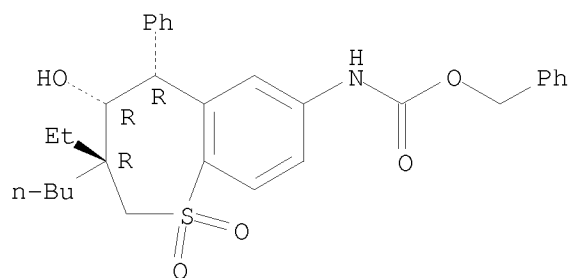
Relative stereochemistry.



RN 197373-02-7 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

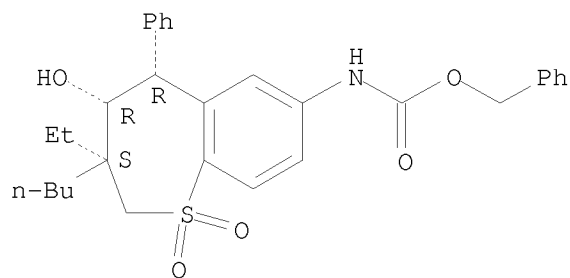
Relative stereochemistry.



RN 197373-03-8 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

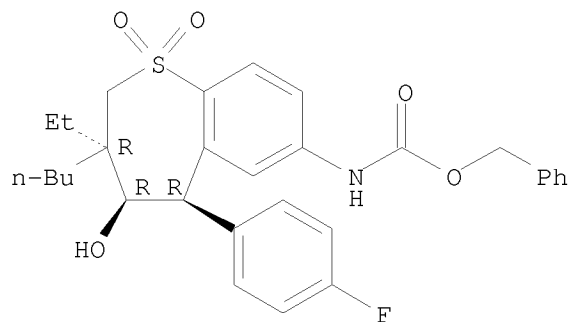
Relative stereochemistry.



RN 197373-07-2 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

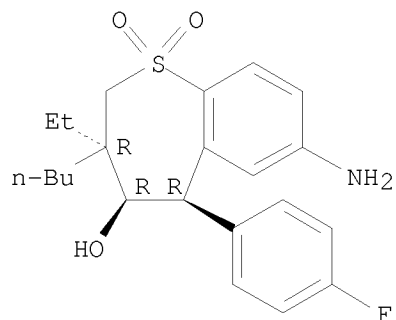


RN 197373-08-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

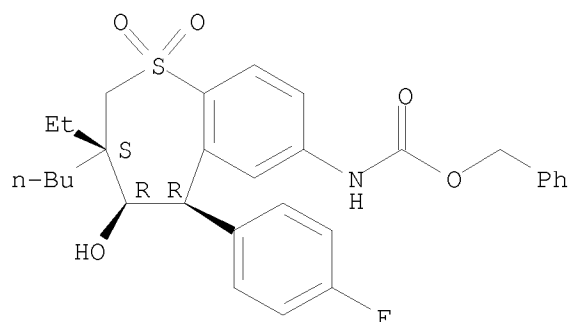
10/590,458



RN 197373-09-4 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

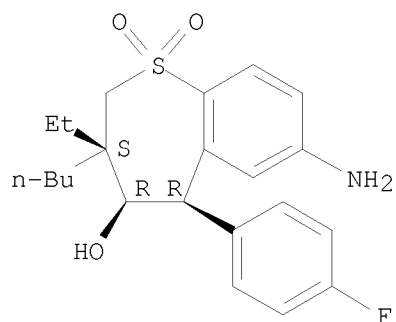
Relative stereochemistry.



RN 197373-10-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

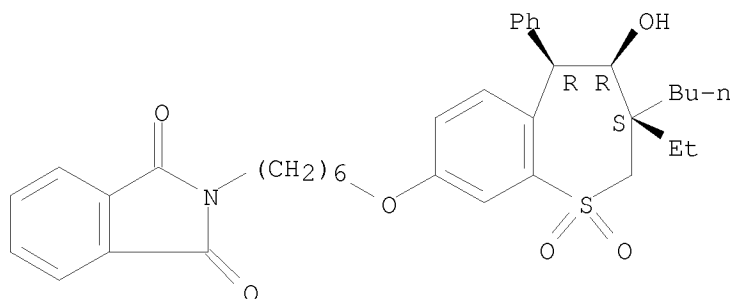


RN 197373-11-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

10/590,458

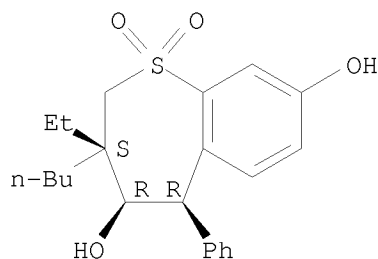
Relative stereochemistry.



RN 197373-14-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

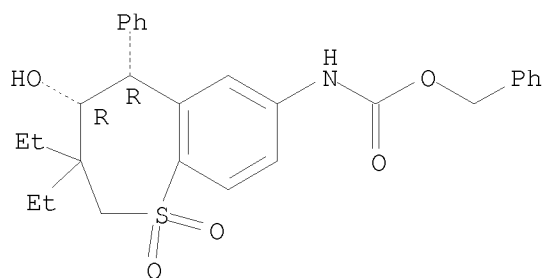
Relative stereochemistry.



RN 197373-16-3 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

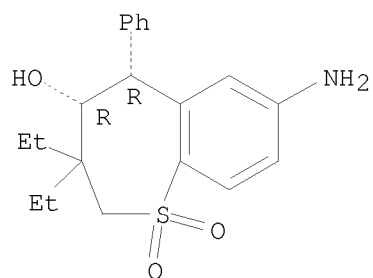


RN 197373-17-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

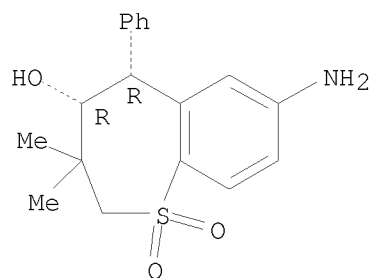
Relative stereochemistry.

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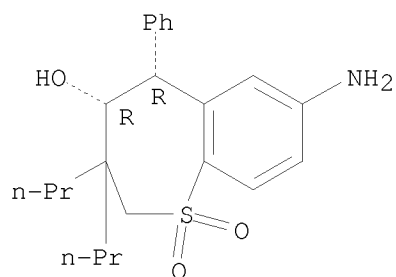
RN 197373-18-5 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-19-6 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

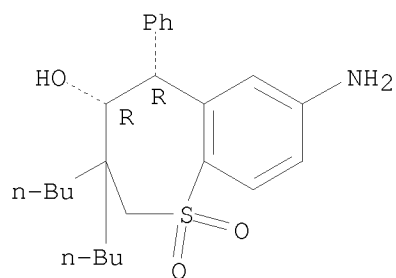
Relative stereochemistry.



RN 197373-20-9 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

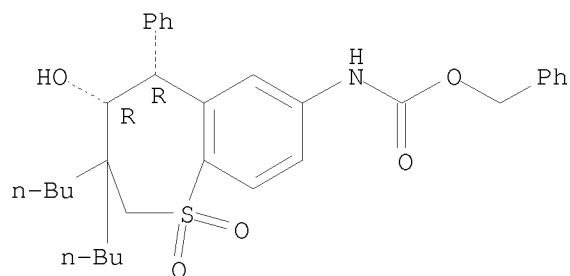
10/590,458



RN 197373-22-1 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

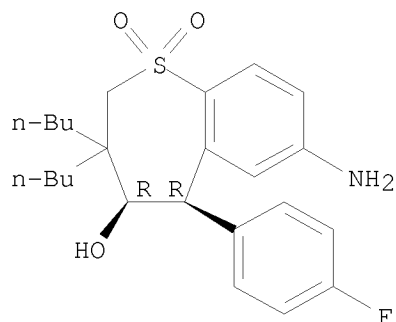
Relative stereochemistry.



RN 197373-24-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

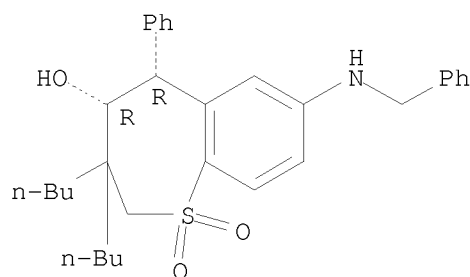


RN 197373-25-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

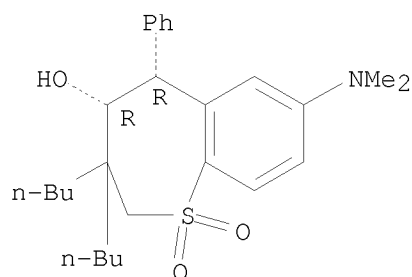
10/590,458



RN 197373-26-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

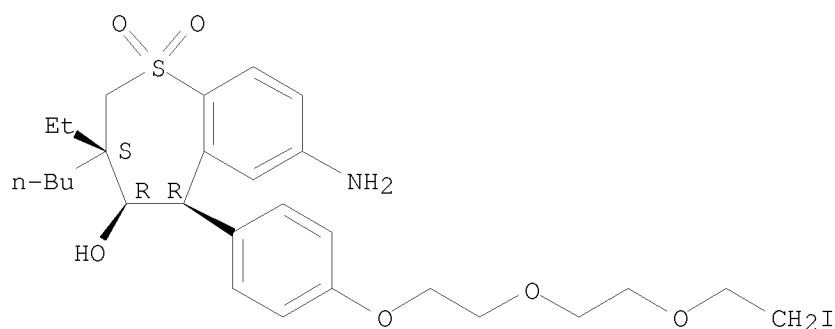
Relative stereochemistry.



RN 197373-27-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

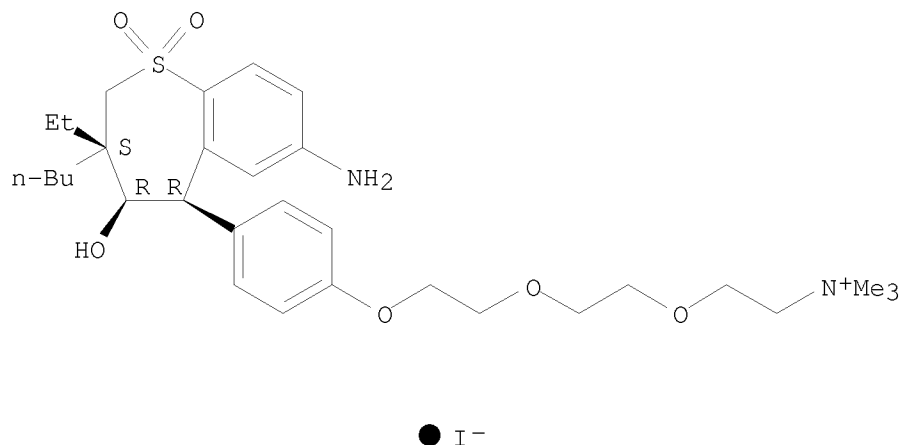


RN 197373-28-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

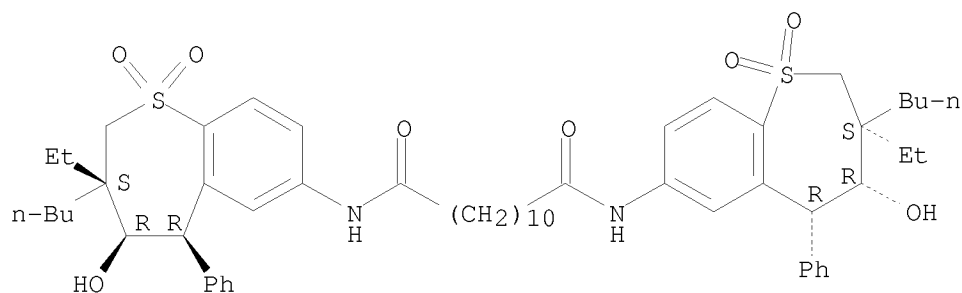
10/590,458

Relative stereochemistry.



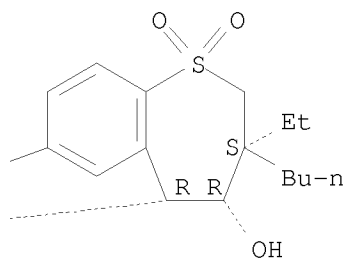
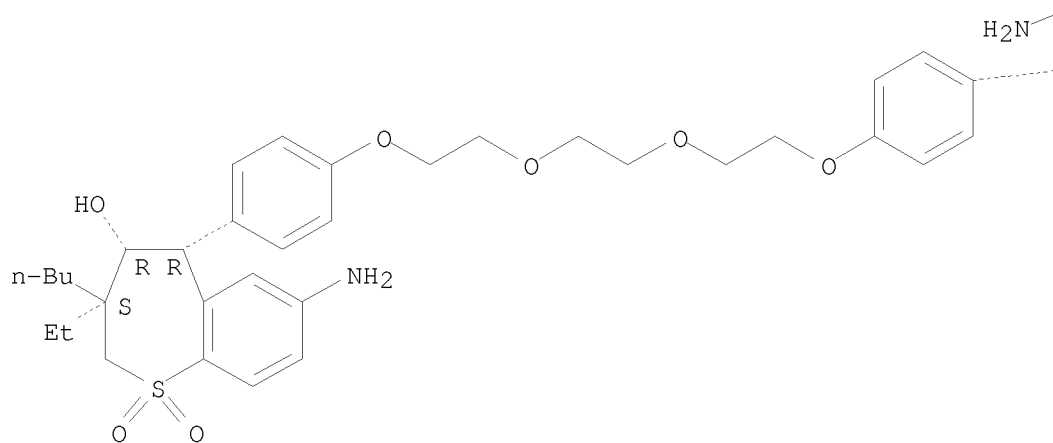
RN 197373-29-8 CAPLUS
CN Dodecanediamide, N1,N12-bis[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-30-1 CAPLUS
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy-4,1-phenylene)]bis[7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

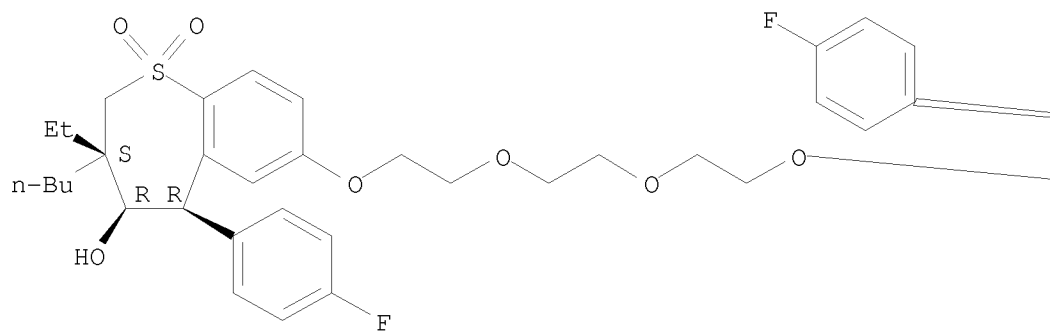


RN 197373-31-2 CAPLUS

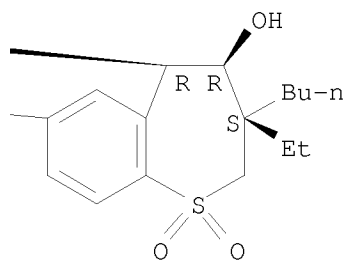
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

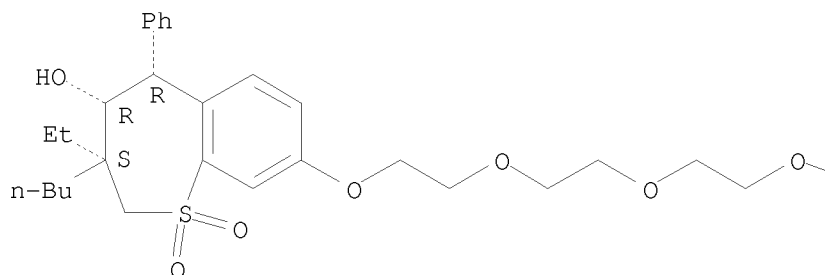


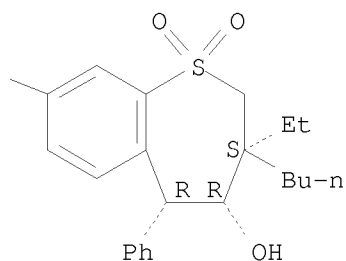
RN 197373-32-3 CAPLUS

CN 1-Benzothiepin-4-ol, 8,8'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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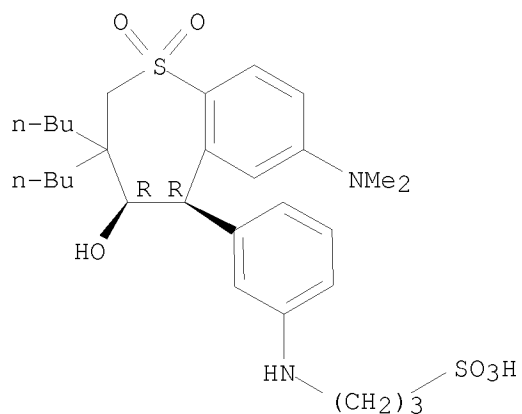




RN 197373-37-8 CAPLUS

CN 1-Propanesulfonic acid, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

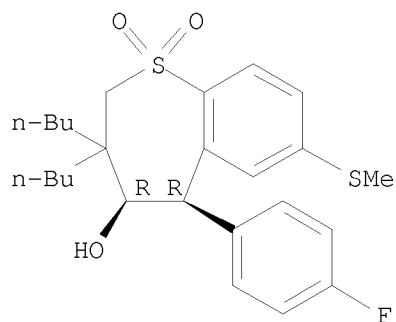
Relative stereochemistry.



RN 197373-38-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

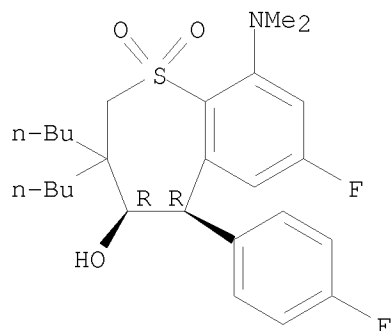


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RN 197373-39-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

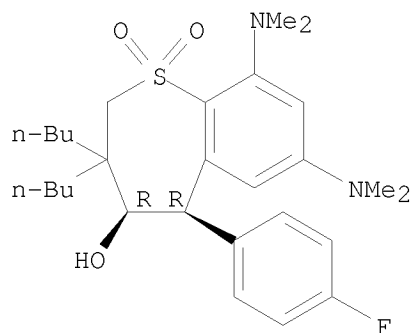
Relative stereochemistry.



RN 197373-40-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

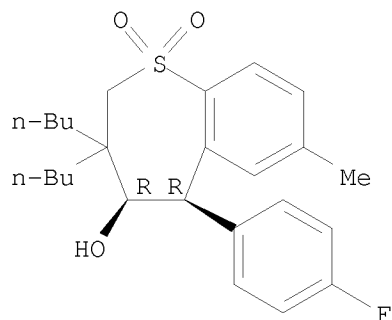


RN 197373-41-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

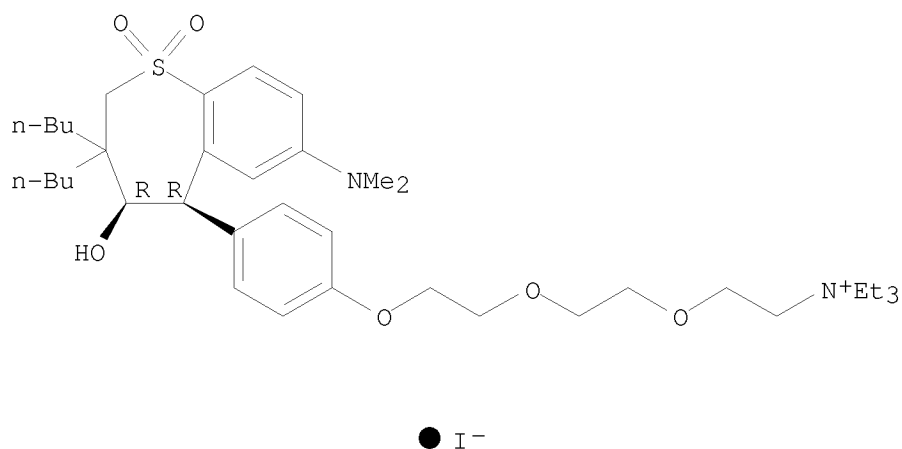
Relative stereochemistry.

10/590,458



RN 197373-45-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

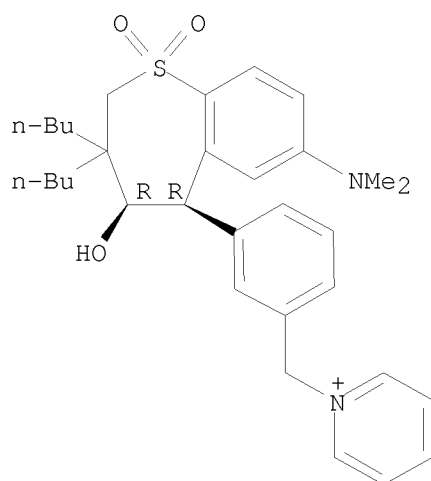
Relative stereochemistry.



RN 197373-48-1 CAPLUS
CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

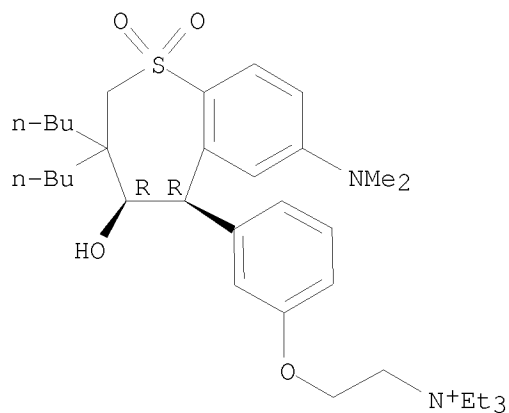
10/590,458



RN 197373-59-4 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



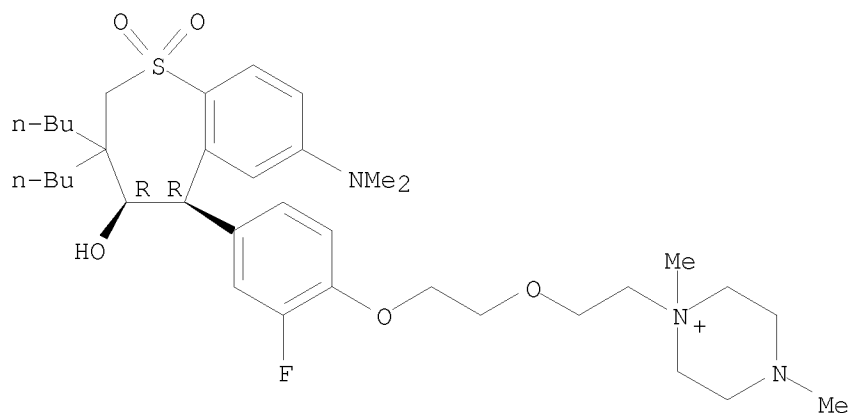
RN 197373-60-7 CAPLUS

CN Piperazininium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX

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NAME)

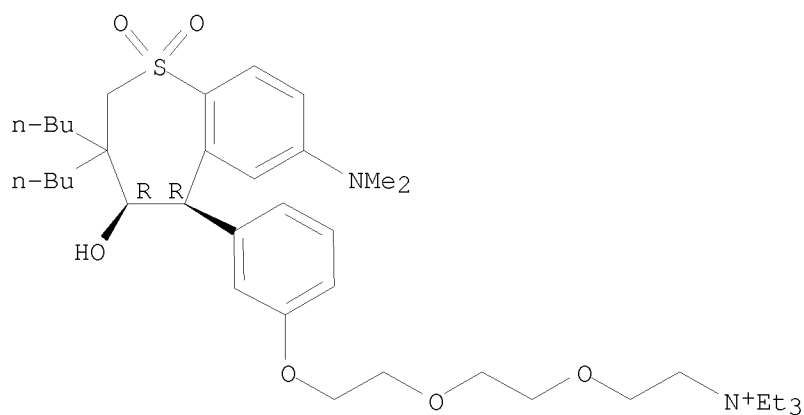
Relative stereochemistry.



RN 197373-61-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



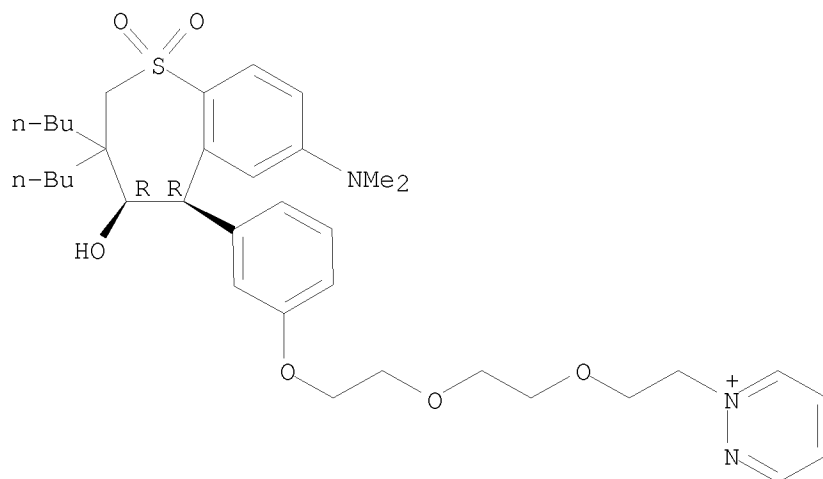
RN 197373-62-9 CAPLUS

CN Pyridazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

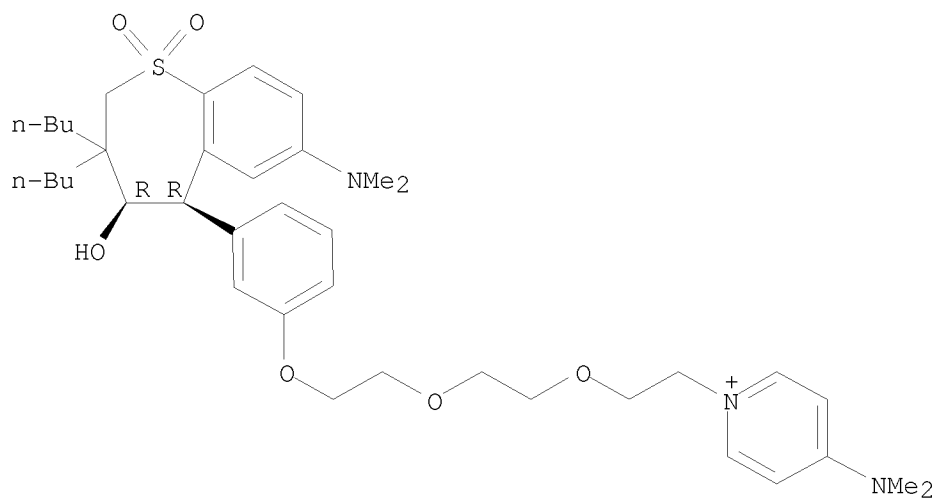


RN 197373-63-0 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(dimethylamino)-, iodide (1:1), rel- (CA INDEX NAME)

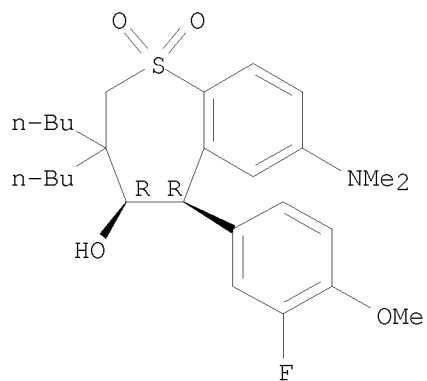
Relative stereochemistry.

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RN 197373-64-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

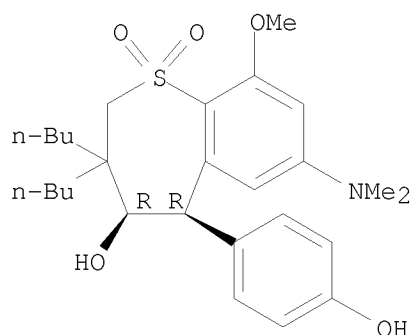
Relative stereochemistry.



RN 197373-67-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-9-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

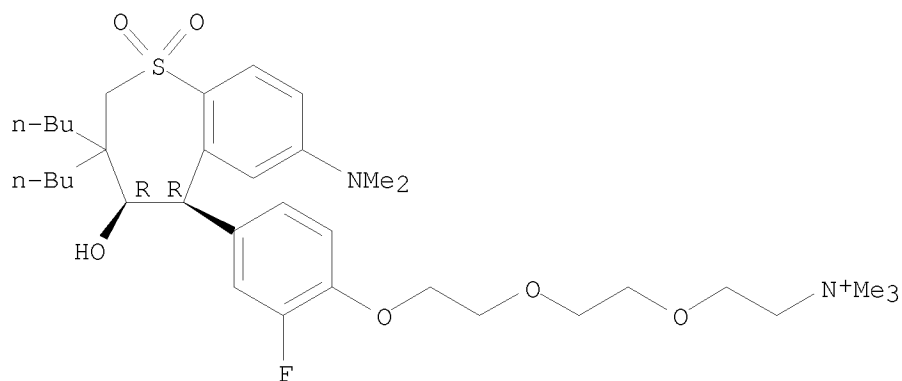
Relative stereochemistry.

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RN 197373-68-5 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

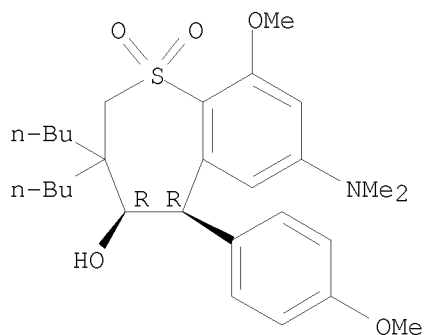
Relative stereochemistry.



RN 197373-69-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-9-methoxy-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

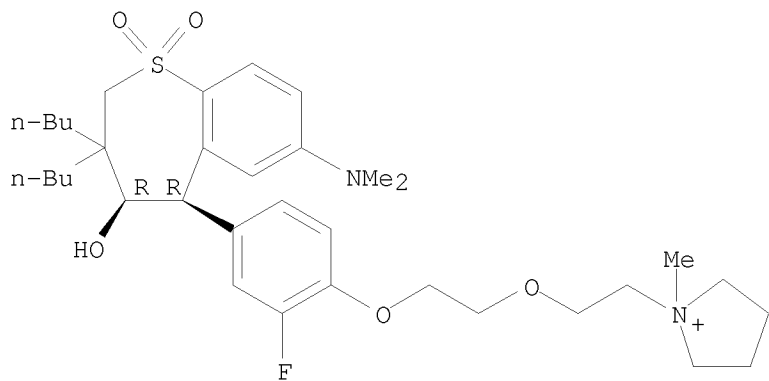
10/590,458



RN 197373-70-9 CAPLUS

CN Pyrrolidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-methyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



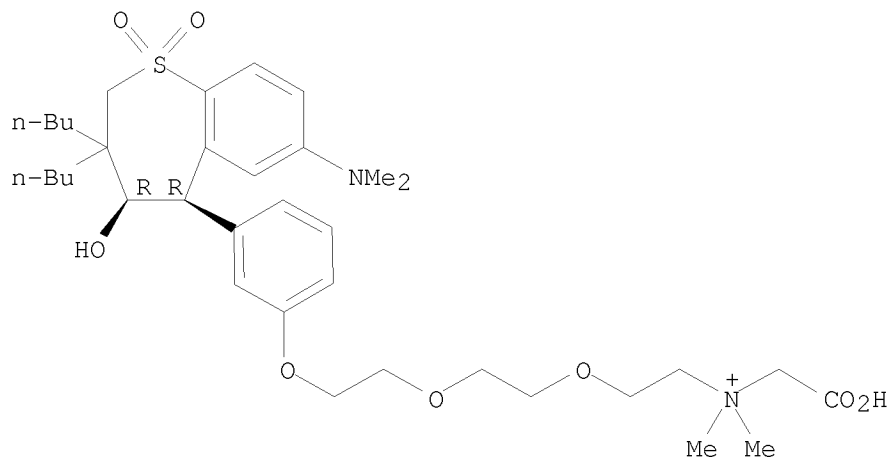
● Br⁻

RN 197373-71-0 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-hydroxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

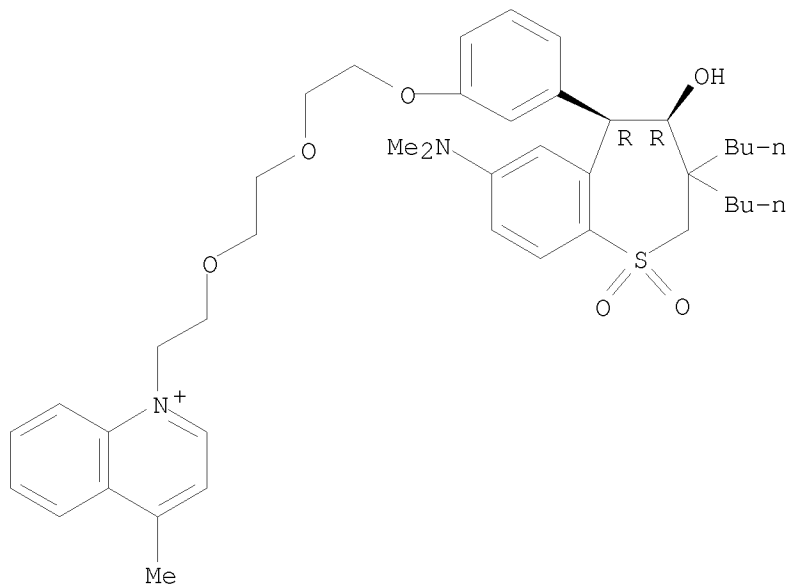
10/590,458



RN 197373-72-1 CAPLUS
 CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

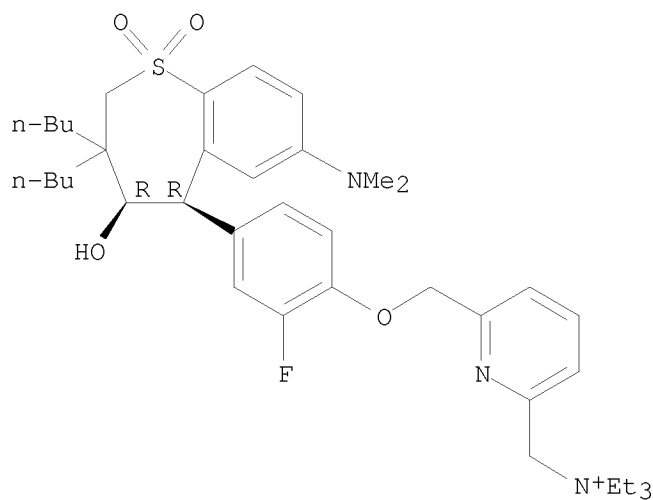
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RN 197373-76-5 CAPLUS
 CN 2-Pyridinemethanaminium, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

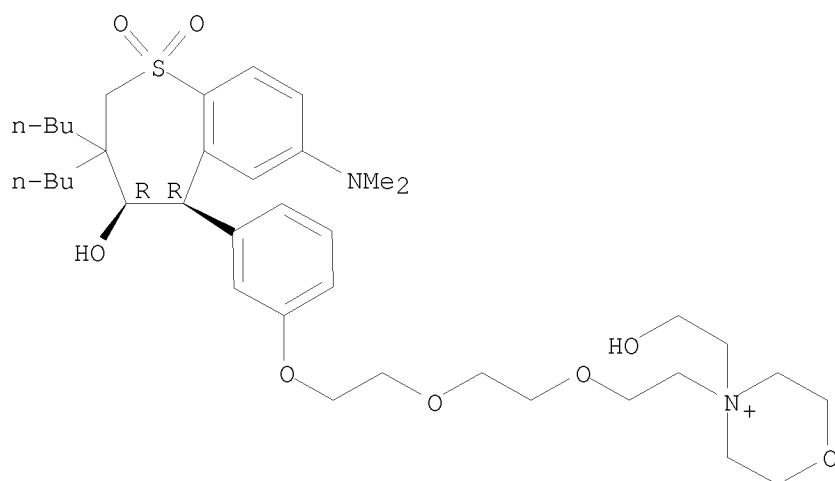
Relative stereochemistry.



RN 197373-77-6 CAPLUS
 CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

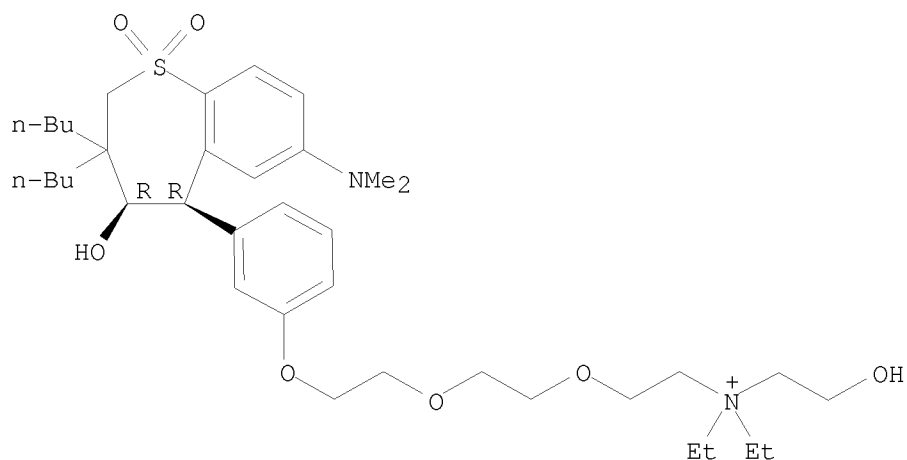
10/590,458



RN 197373-78-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



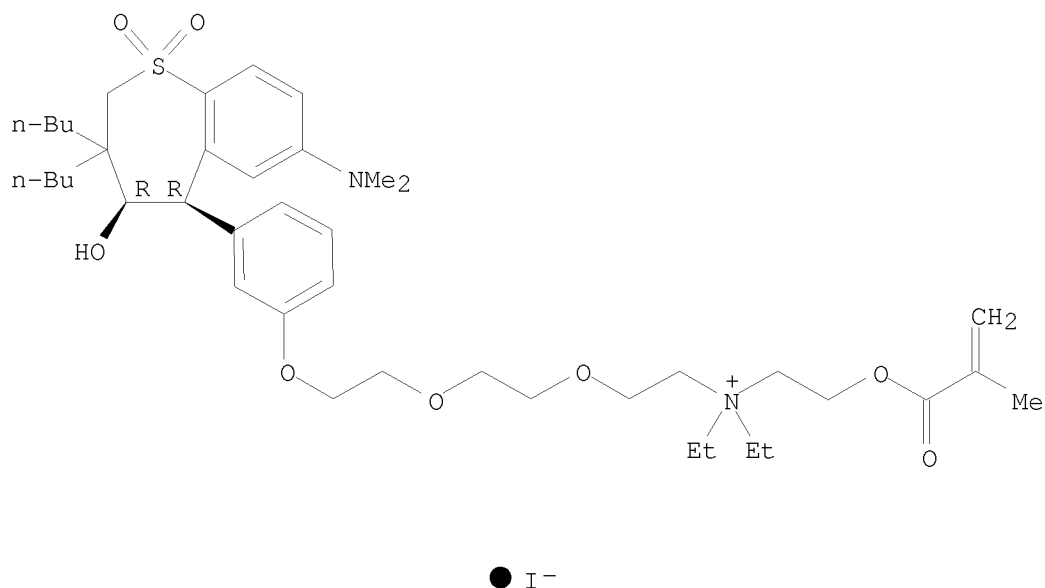
RN 197373-79-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-
N,N-diethyl-N-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-, iodide, rel-
(9CI) (CA INDEX NAME)

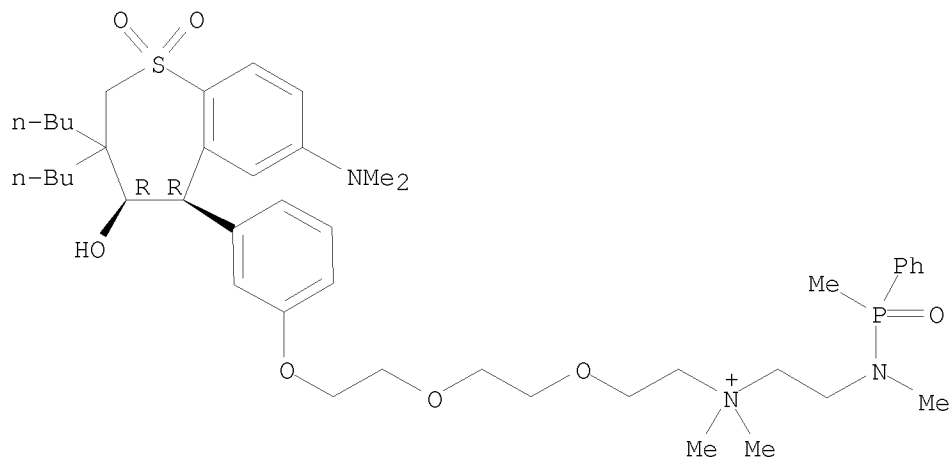
Relative stereochemistry.



RN 197373-80-1 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-
[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA
INDEX NAME)

Relative stereochemistry.

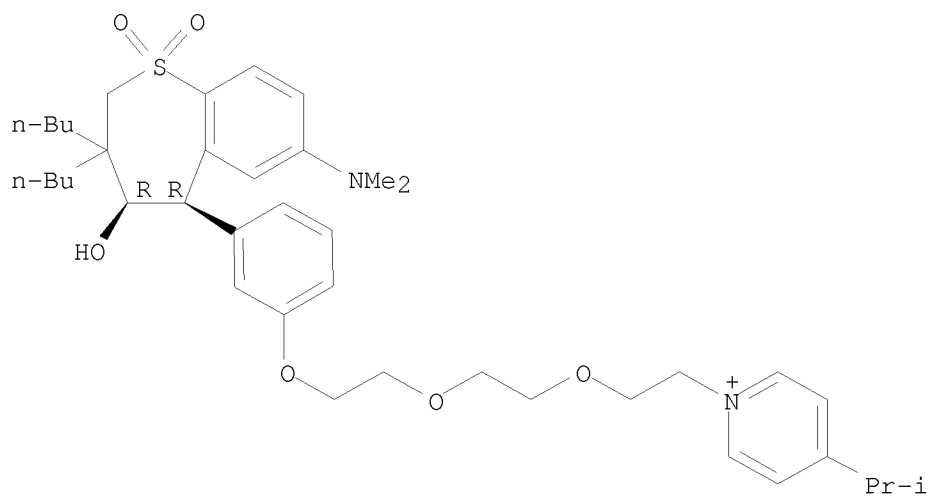
10/590,458



● I^-

RN 197373-83-4 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-methylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



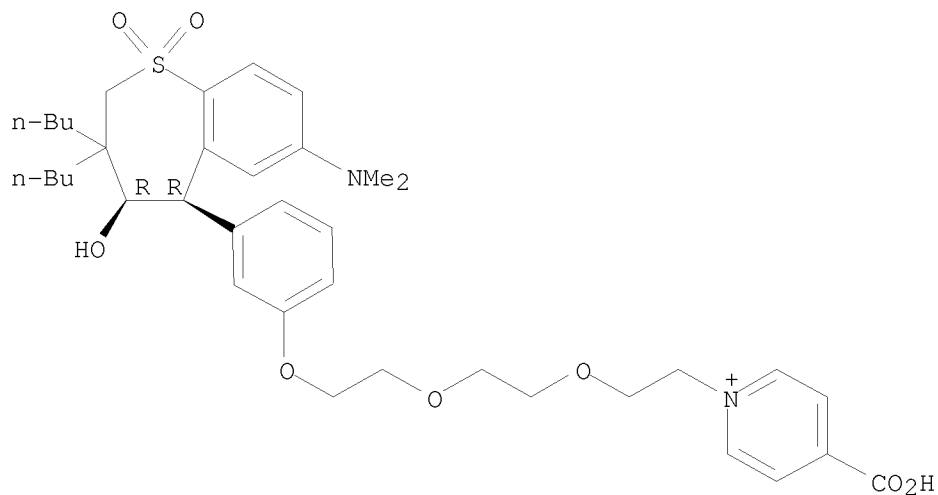
● I^-

RN 197373-85-6 CAPLUS
CN Pyridinium, 4-carboxy-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-

10/590,458

2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

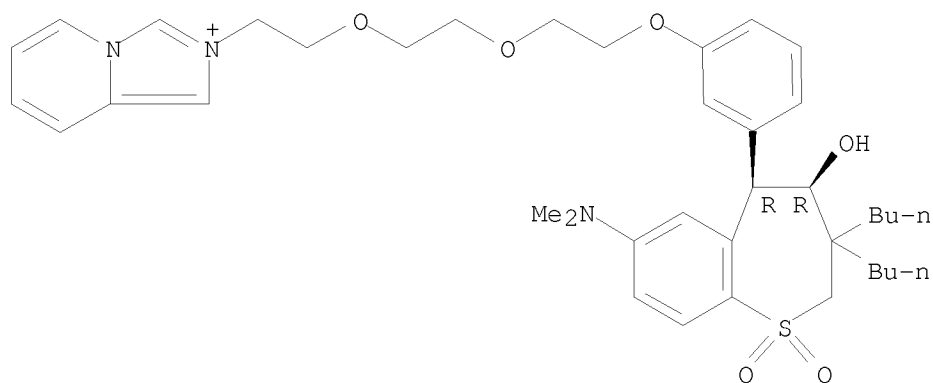


● I⁻

RN 197373-87-8 CAPLUS

CN Imidazo[1,5-a]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

RN 197373-93-6 CAPLUS

10/590,458

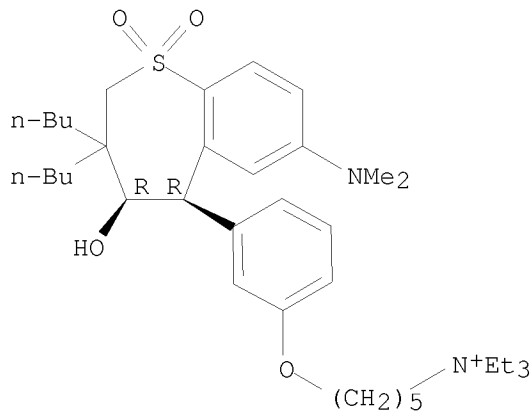
CN 1-Pentanaminium, 5-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-92-5

CMF C37 H61 N2 O4 S

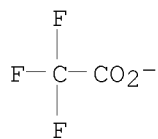
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 02

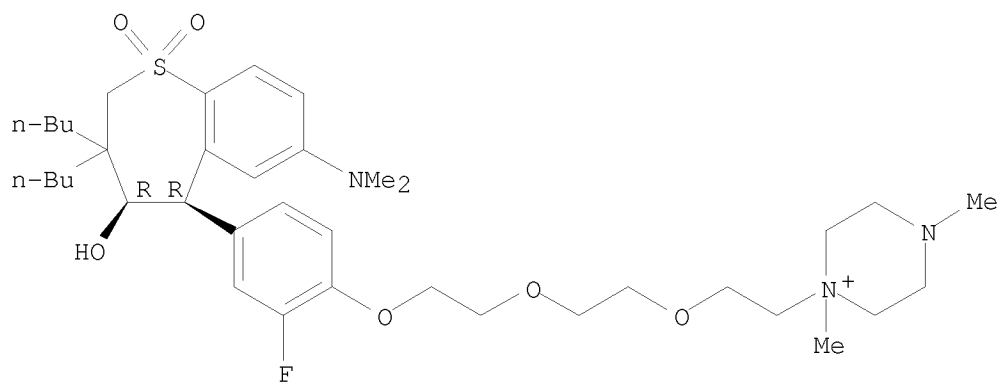


RN 197373-95-8 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

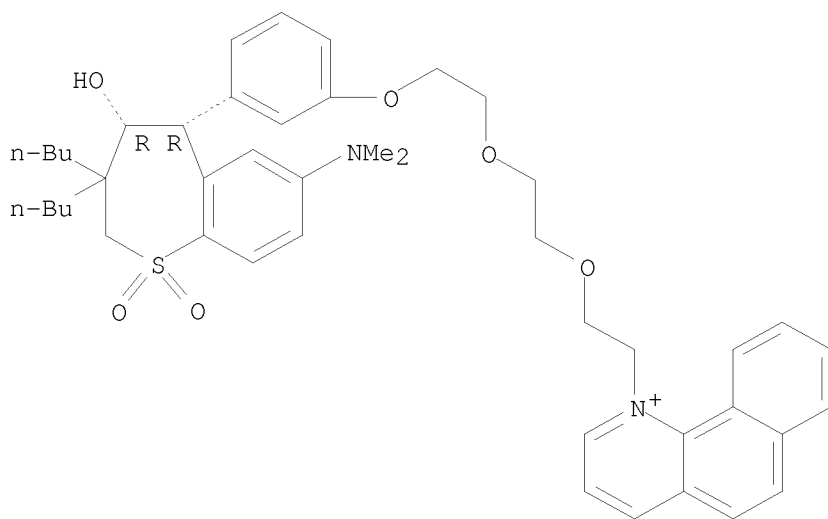
10/590,458



RN 197373-97-0 CAPLUS
CN Benzo[h]quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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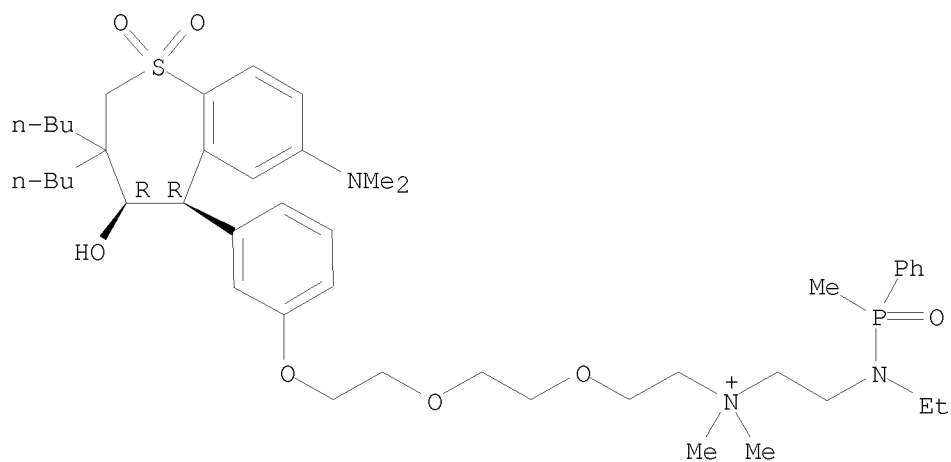


RN 197373-99-2 CAPLUS

10/590,458

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(methylphenylphosphinyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

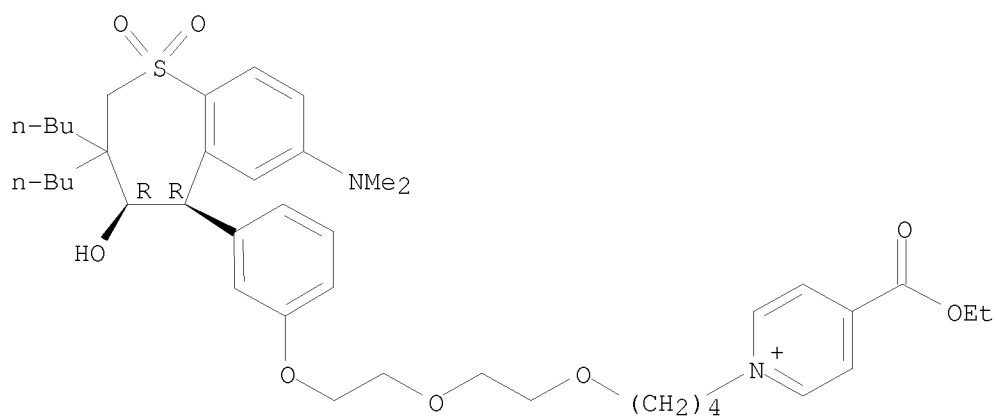
Relative stereochemistry.



RN 197374-00-8 CAPLUS

CN Pyridinium, 1-[4-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]butyl]-4-(ethoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

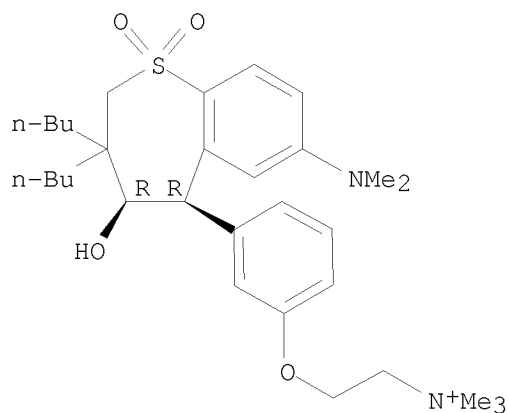


10/590,458

RN 197374-01-9 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

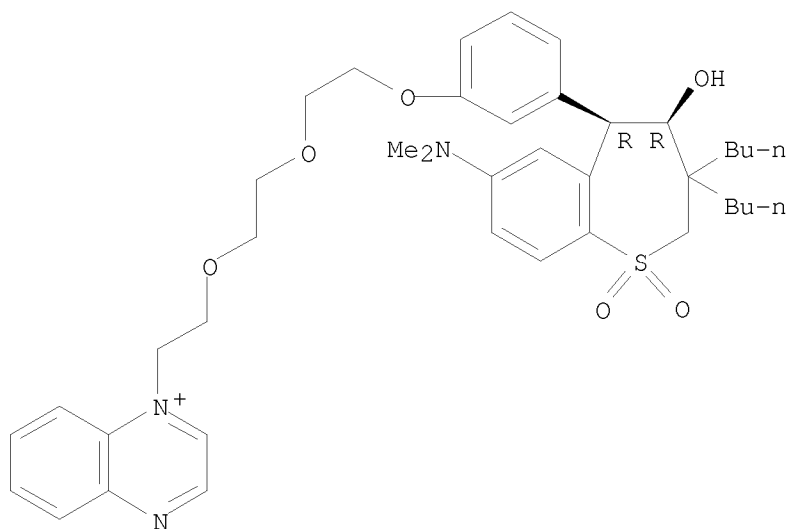


RN 197374-02-0 CAPLUS

CN Quinoxalinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

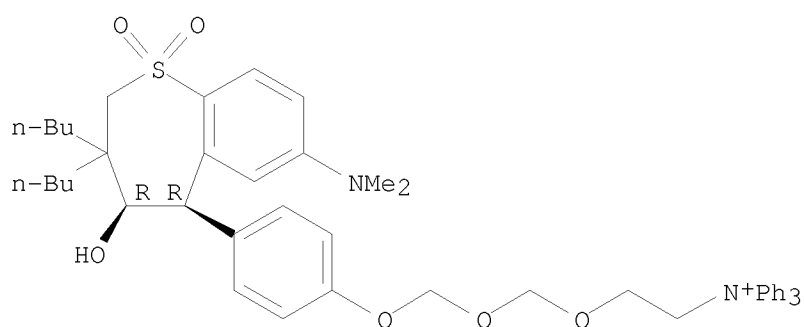
PAGE 1-A





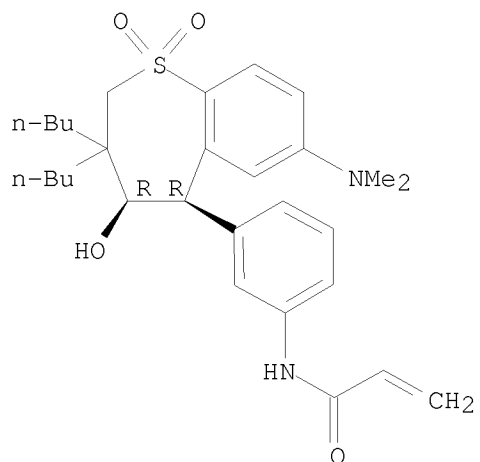
RN 197374-03-1 CAPLUS
 CN Benzenaminium, N-[2-[[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diphenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-04-2 CAPLUS
 CN 2-Propenamide, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



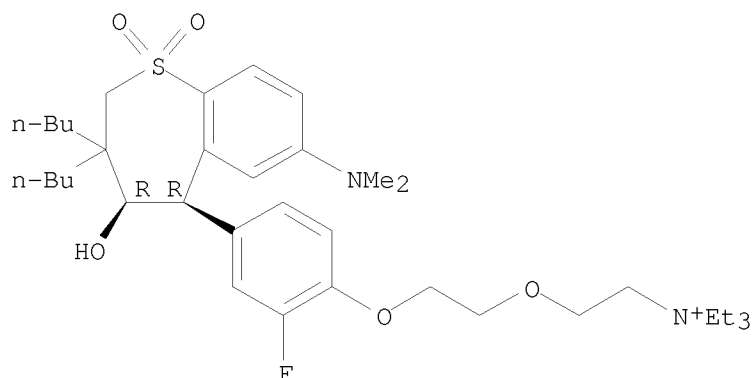
10/590,458

RN 197374-06-4 CAPLUS
CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

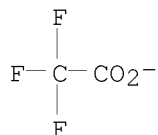
CRN 197374-05-3
CMF C36 H58 F N2 O5 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2



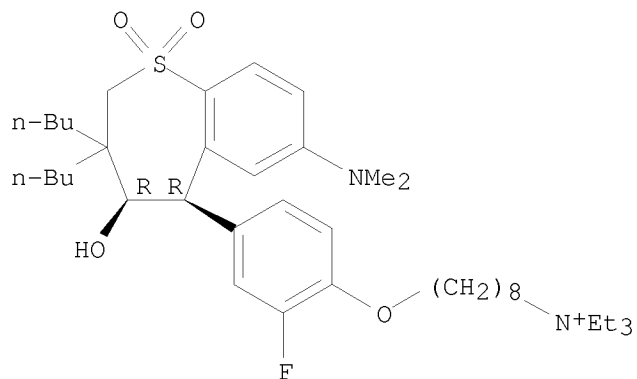
RN 197374-08-6 CAPLUS
CN 1-Octanaminium, 8-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-07-5
CMF C40 H66 F N2 O4 S

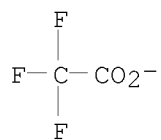
Relative stereochemistry.

10/590,458



CM 2

CRN 14477-72-6
CMF C2 F3 O2

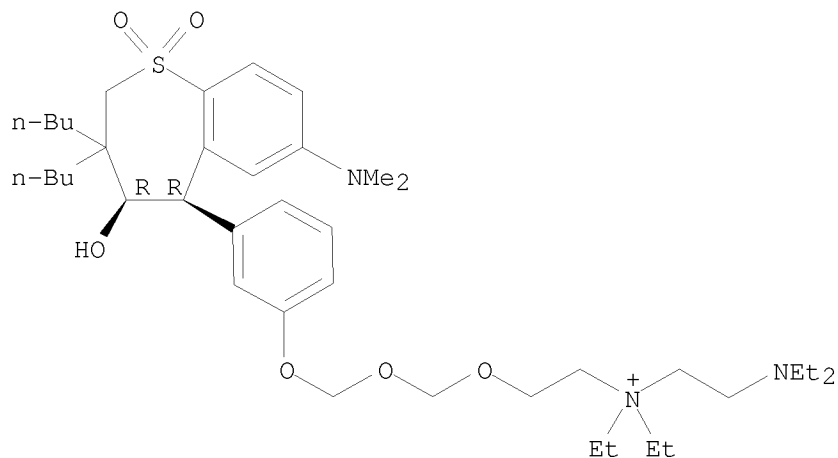


RN 197374-09-7 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

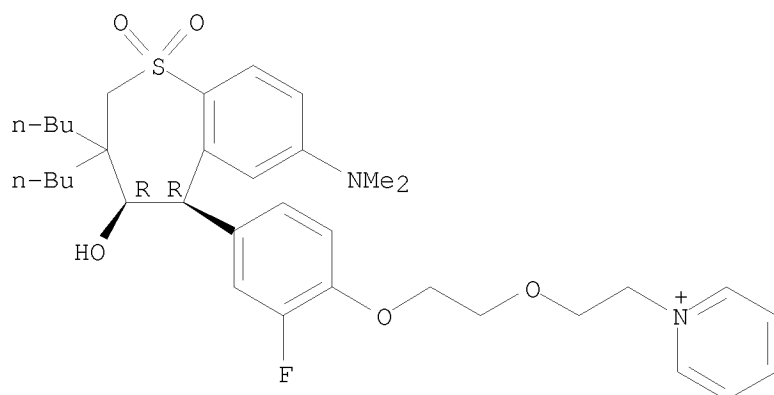
10/590,458



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RN 197374-10-0 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● Br⁻

RN 197374-11-1 CAPLUS
CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(methylphenylphosphinyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

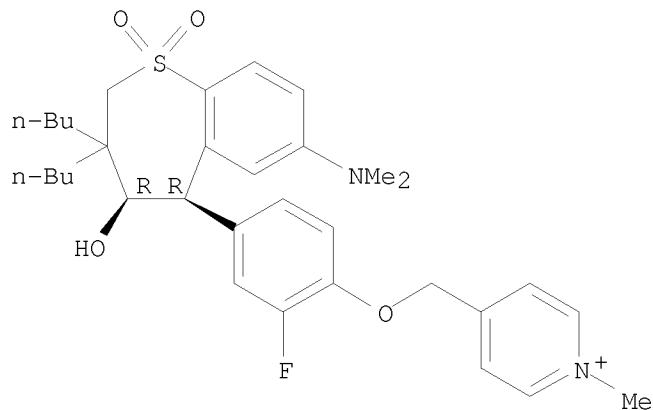
CCCC1(CCCCC1S(=O)(=O)c2ccc(NC)cc2)C(O)C(c3ccccc3OCCOCCOCC[N+]1(C)CCN(C1)C(=O)c4ccccc4)C

● I -

CM 1

Relative stereochemistry.

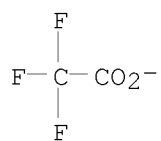
10/590,458



CM 2

CRN 14477-72-6

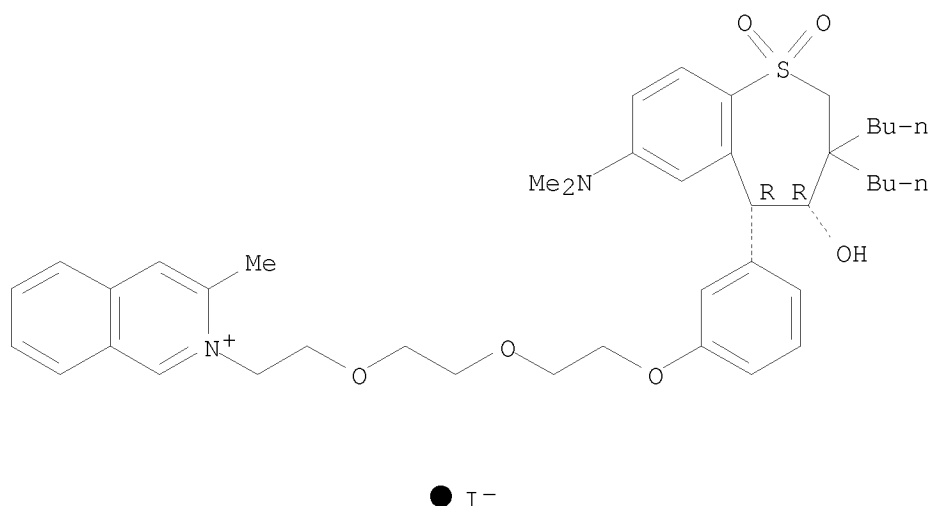
CMF C2 F3 O2



RN 197374-14-4 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

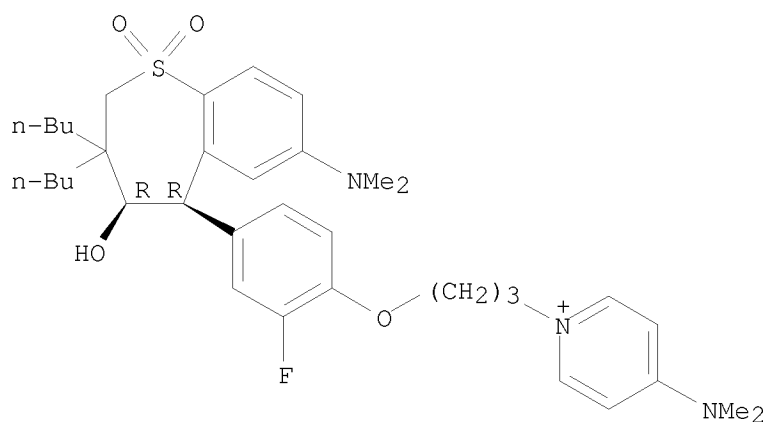


RN 197374-16-6 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-15-5
 CMF C36 H51 F N3 O4 S

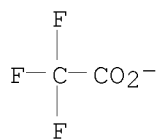
Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

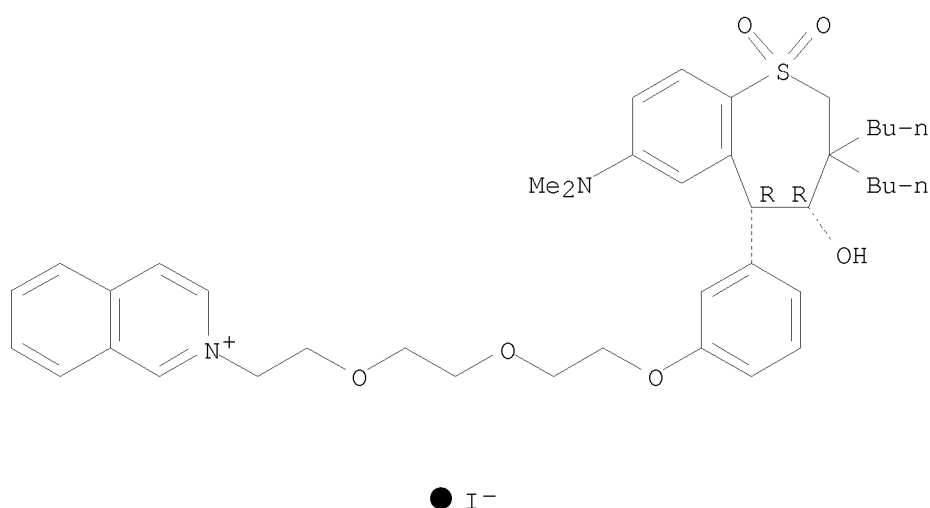
10/590,458



RN 197374-17-7 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

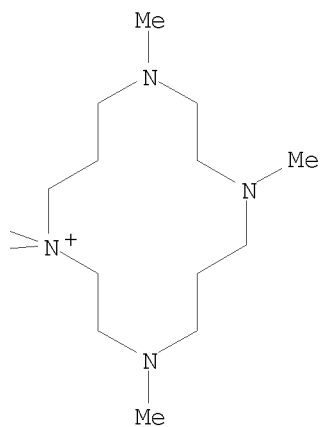
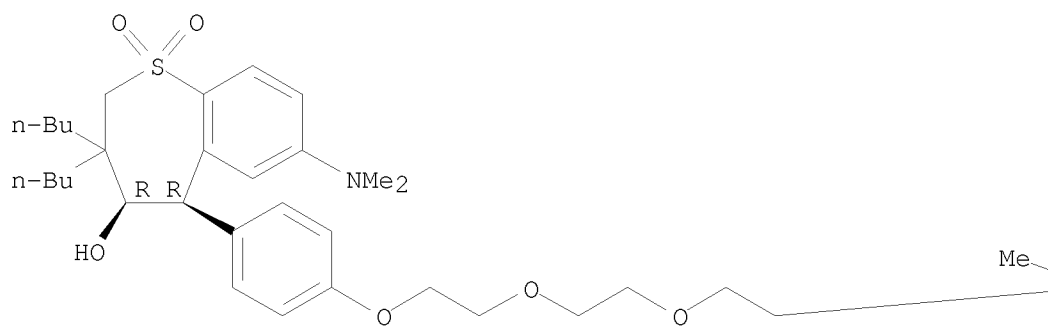
Relative stereochemistry.



RN 197374-18-8 CAPLUS

CN 4,8,11-Triaza-1-azoniacyclotetradecane, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4,8,11-tetramethyl-, iodide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

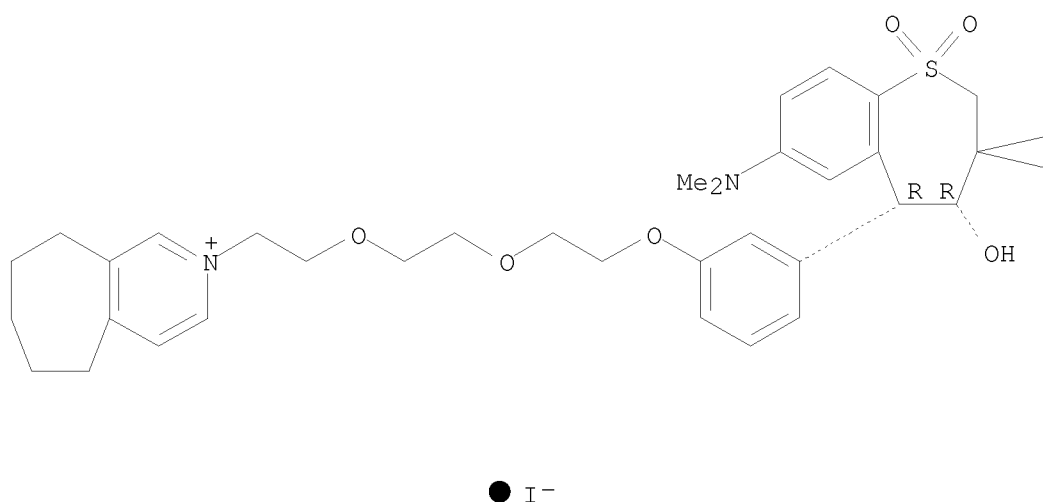


RN 197374-19-9 CAPLUS

CN 5H-Cyclohepta[c]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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— Bu-n

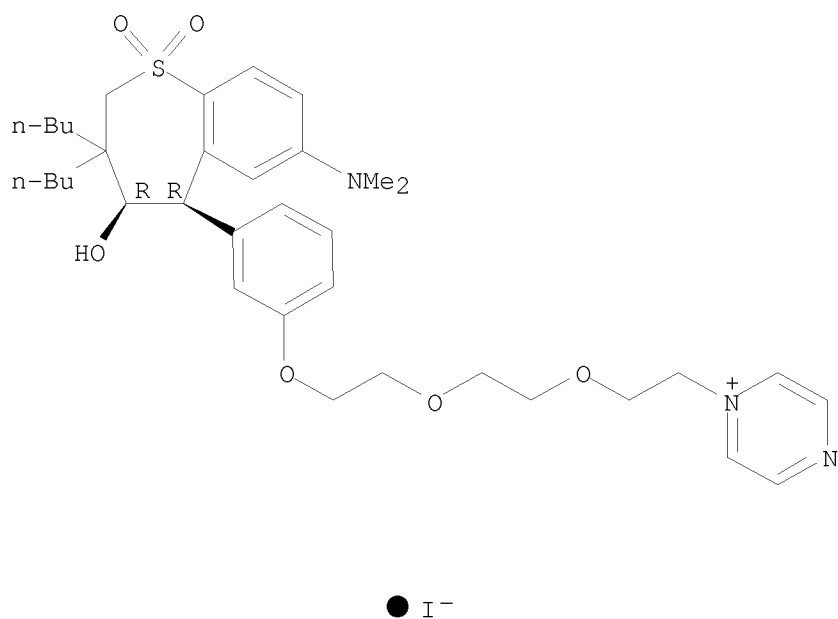
— Bu-n

RN 197374-20-2 CAPLUS

CN Pyrazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

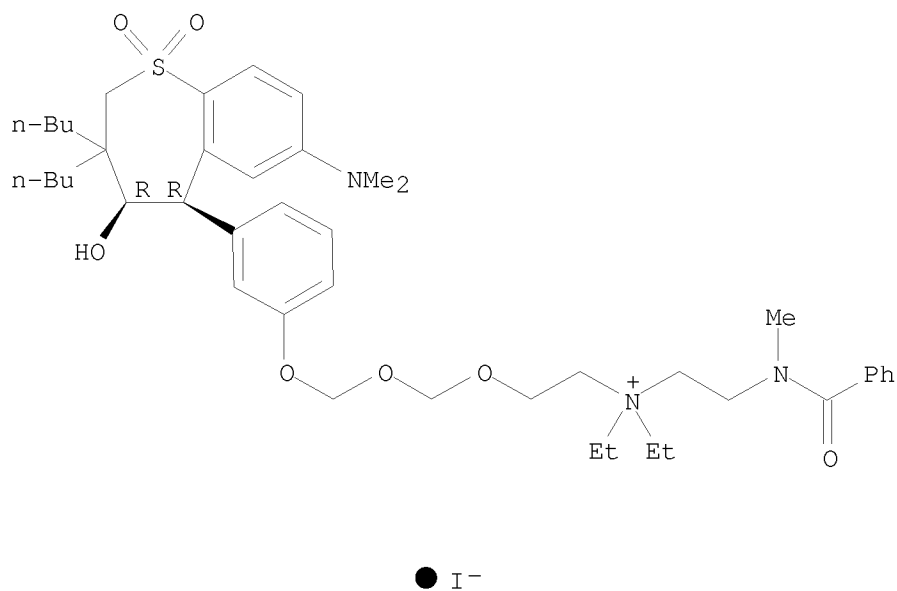
Relative stereochemistry.

10/590,458



RN 197374-21-3 CAPLUS
CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

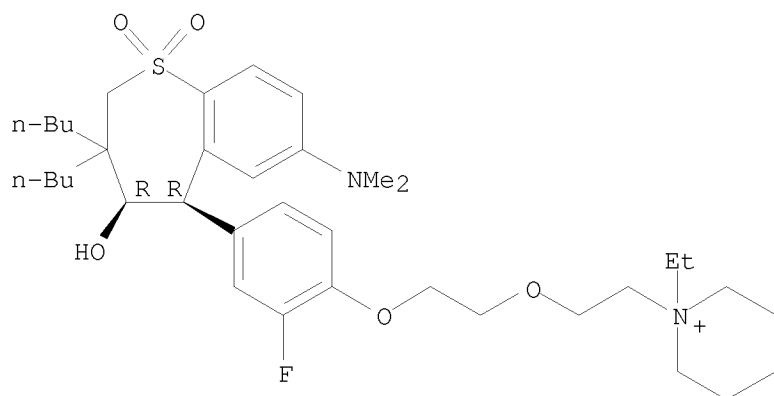


RN 197374-22-4 CAPLUS

10/590,458

CN Piperidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

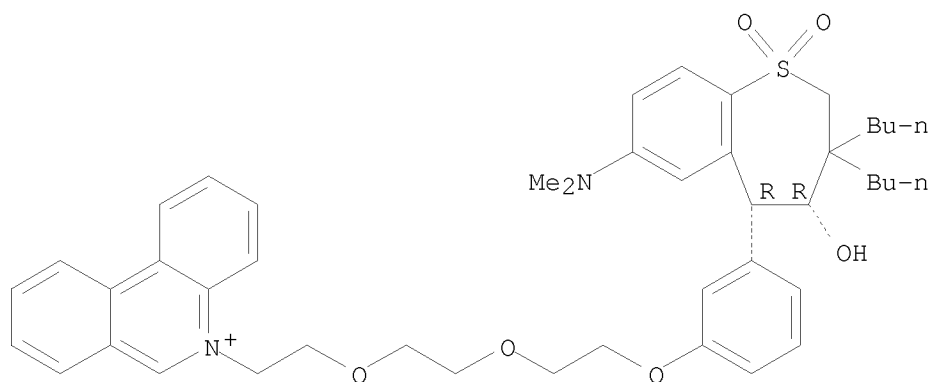


● Br⁻

RN 197374-29-1 CAPLUS

CN Phenanthridinium, 5-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

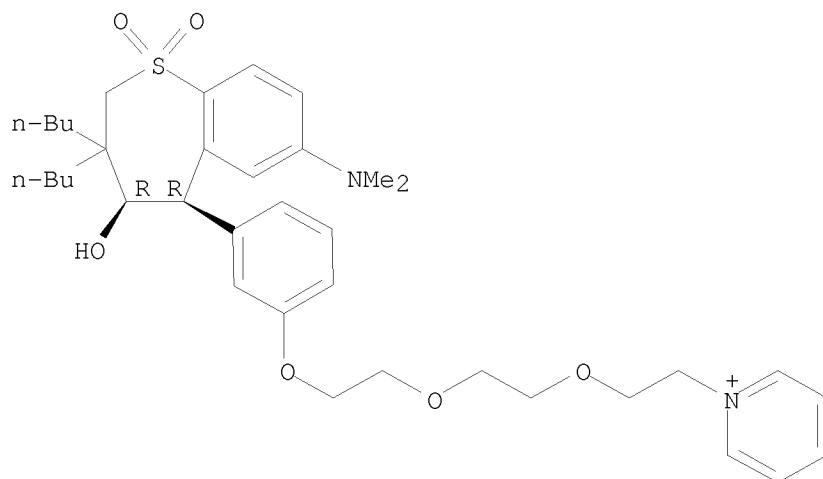
RN 197374-31-5 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

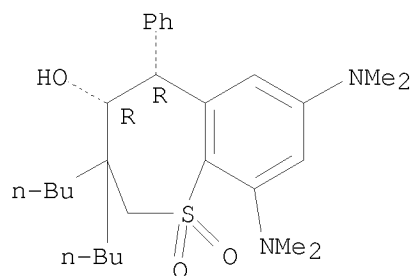
Relative stereochemistry.



RN 197374-32-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-34-8 CAPLUS

CN 1H-Imidazolium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

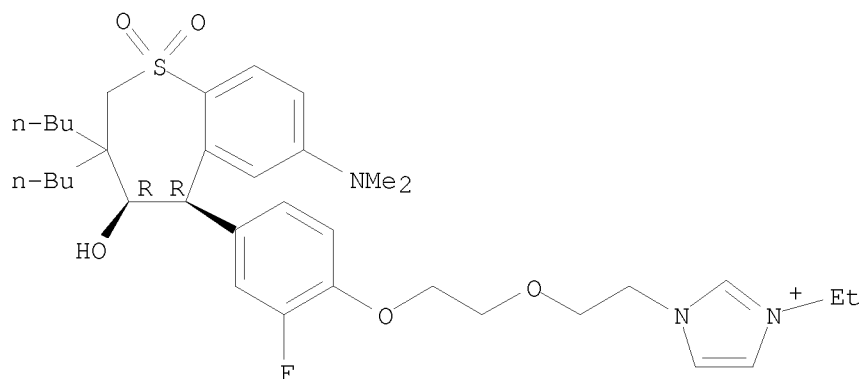
CM 1

CRN 197374-33-7

CMF C35 H51 F N3 O5 S

10/590,458

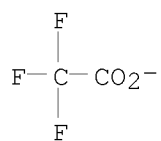
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

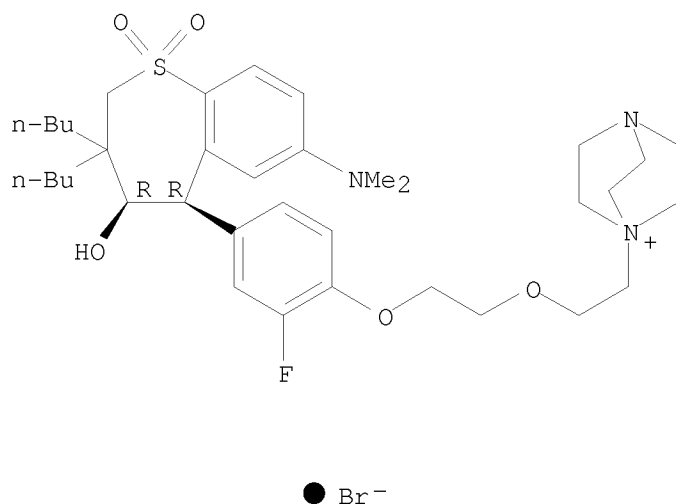


RN 197374-37-1 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-,
bromide (1:1), rel- (CA INDEX NAME)

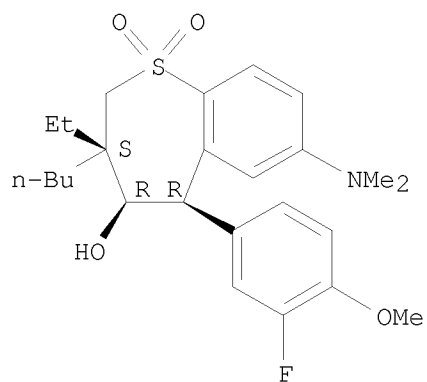
Relative stereochemistry.

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RN 197374-38-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

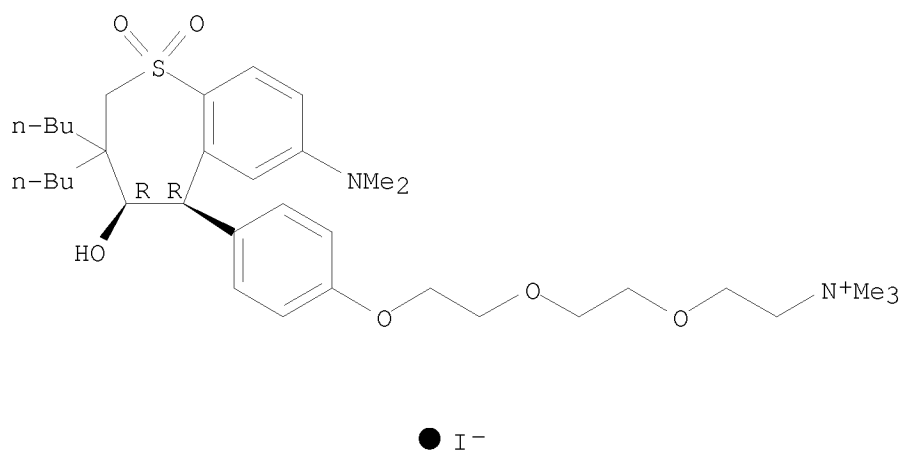
Relative stereochemistry.



RN 197374-39-3 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

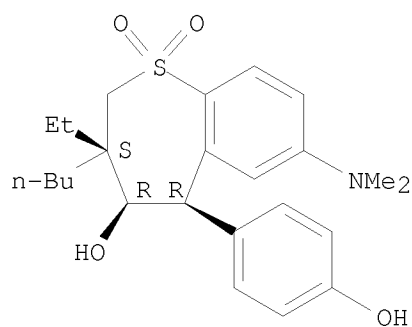
Relative stereochemistry.

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RN 197374-41-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

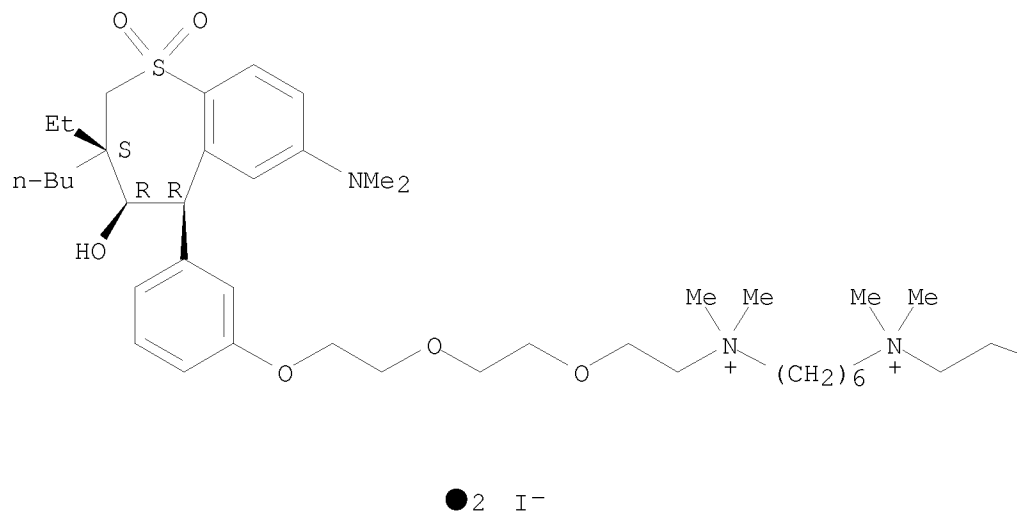
Relative stereochemistry.



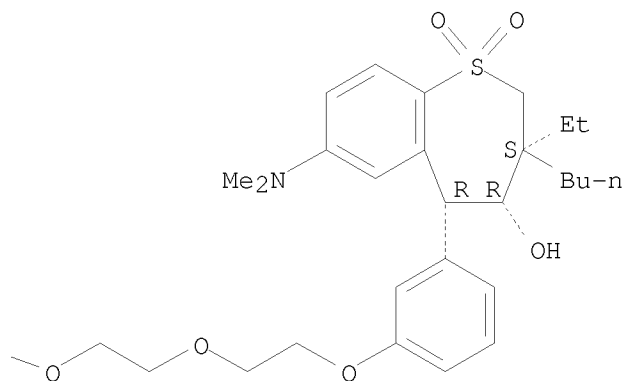
RN 197374-42-8 CAPLUS
CN 1,6-Hexanediaminium, N1,N6-bis[2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N6,N6-tetramethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

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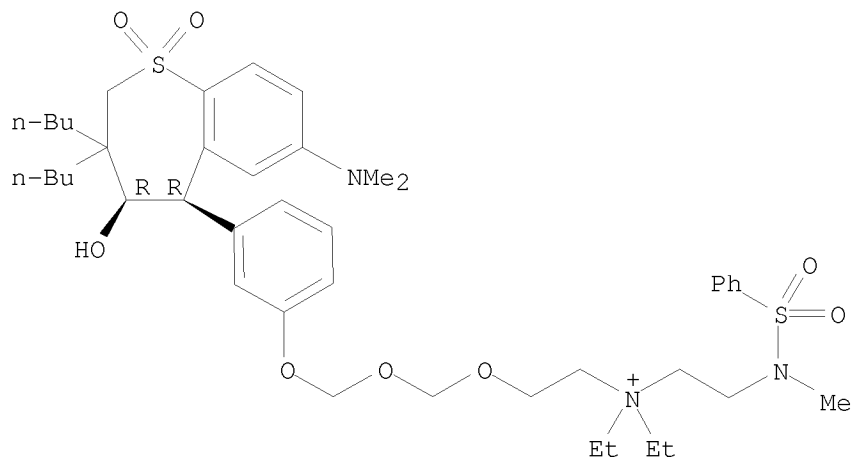


RN 197374-43-9 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

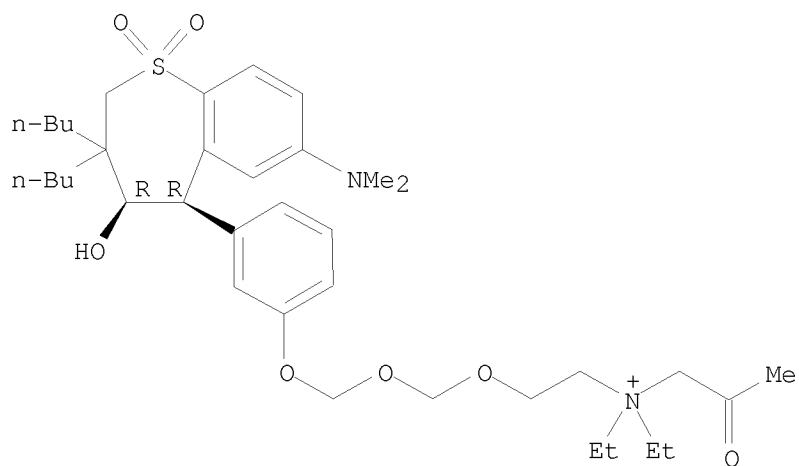
Relative stereochemistry.

10/590,458



RN 197374-44-0 CAPLUS
CN 1-Propanaminium, N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

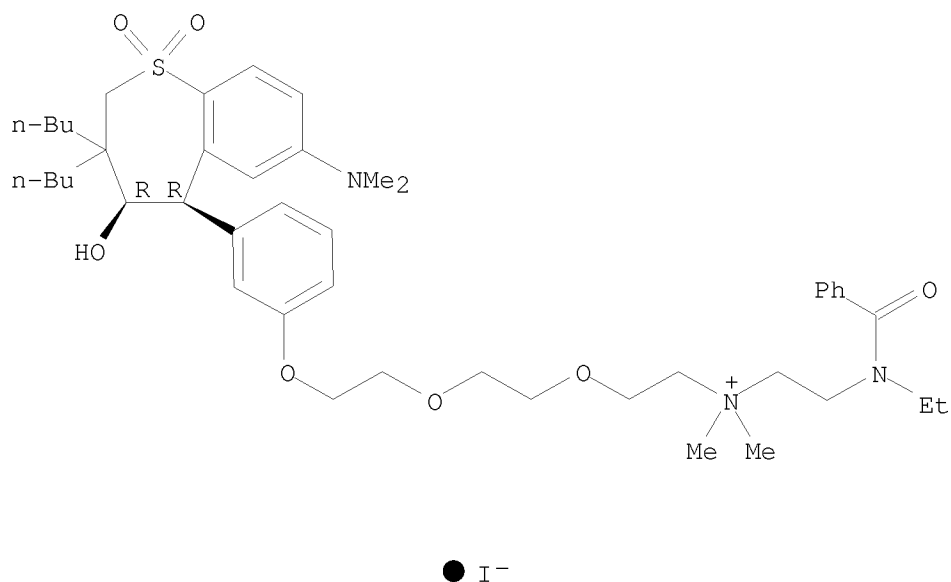


RN 197374-49-5 CAPLUS
CN Ethanaminium, 2-(benzoyl-ethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

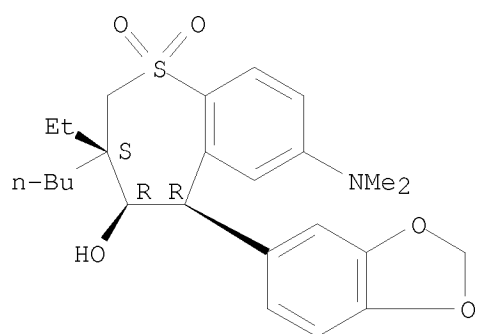
Relative stereochemistry.



RN 197374-50-8 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(1,3-benzodioxol-5-yl)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

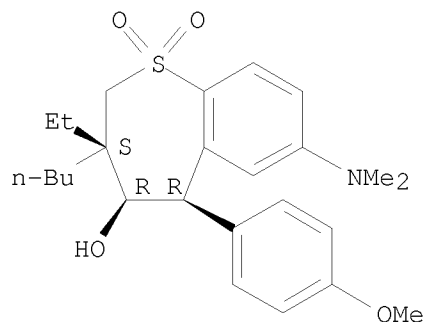


RN 197374-51-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

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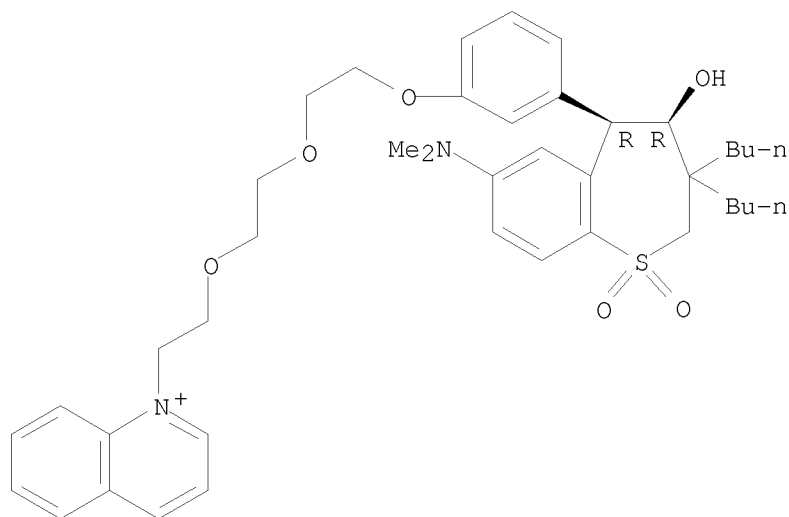


RN 197374-52-0 CAPLUS

CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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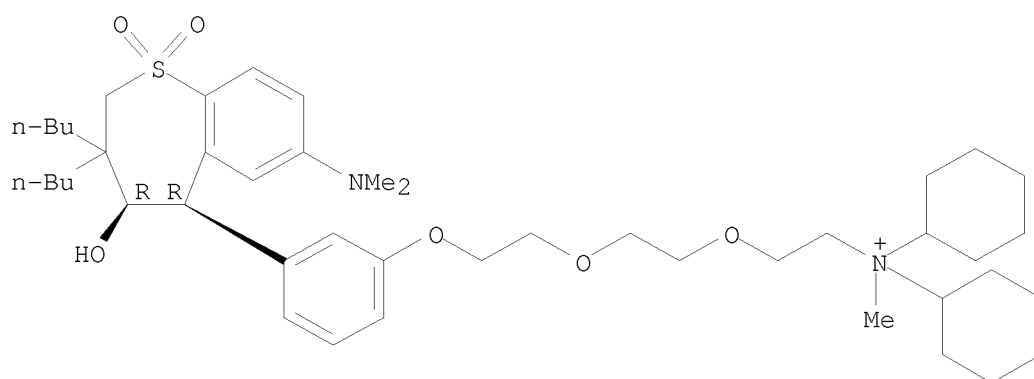


RN 197374-53-1 CAPLUS

CN Cyclohexanaminium, N-cyclohexyl-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

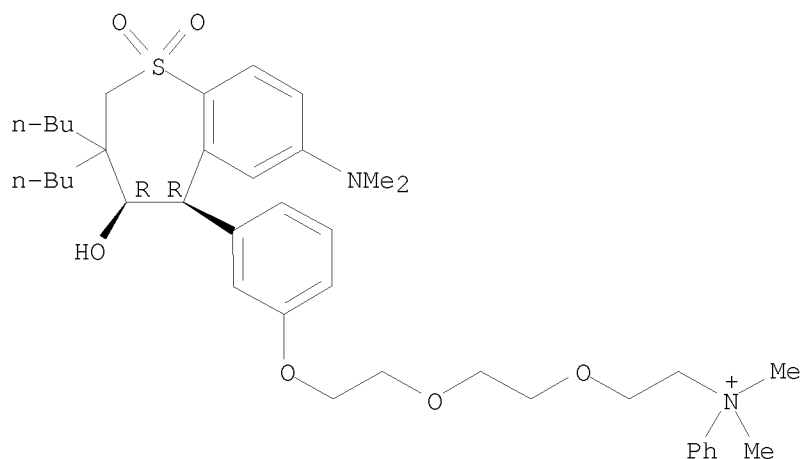
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RN 197374-54-2 CAPLUS
CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

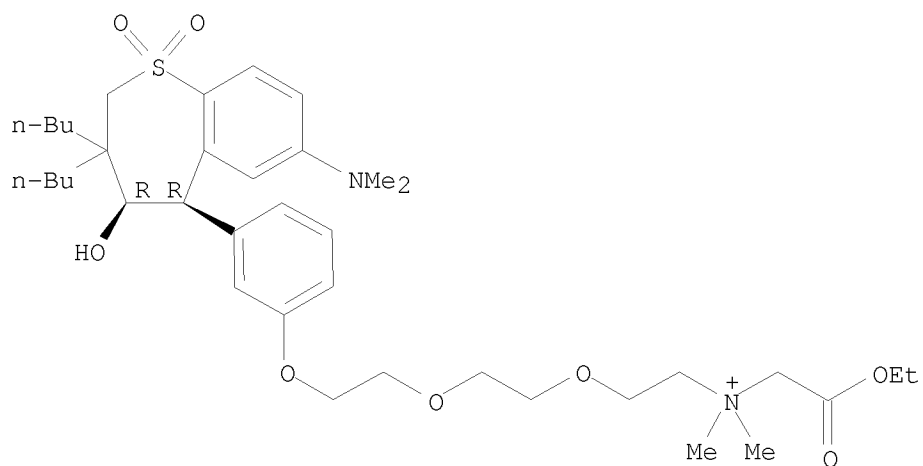


● I⁻

RN 197374-55-3 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-ethoxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

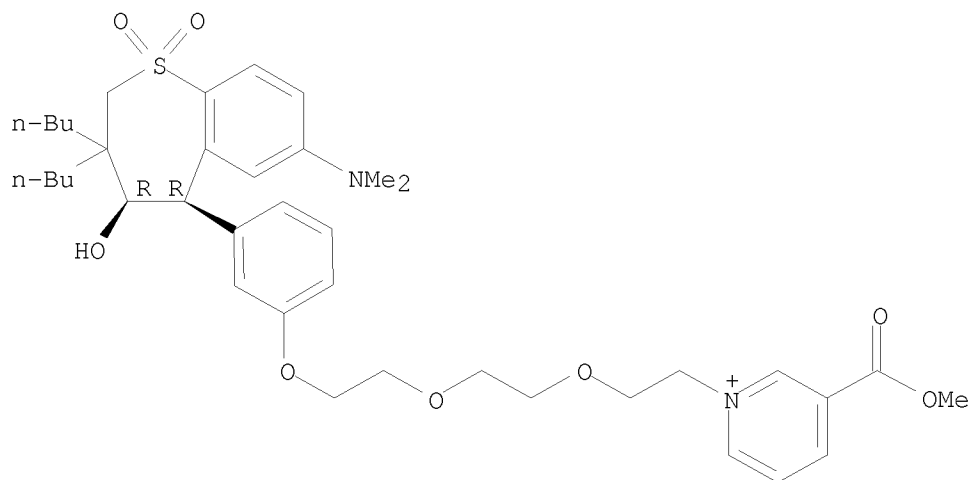
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● I⁻

RN 197374-56-4 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



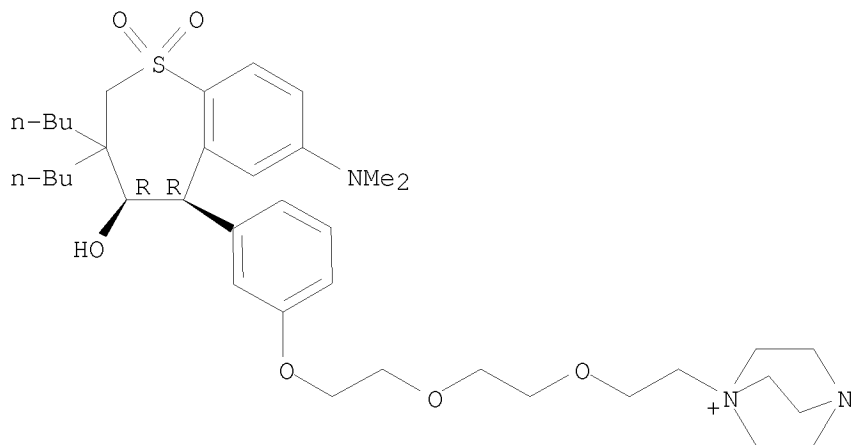
● I⁻

RN 197374-57-5 CAPLUS

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CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-,
iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

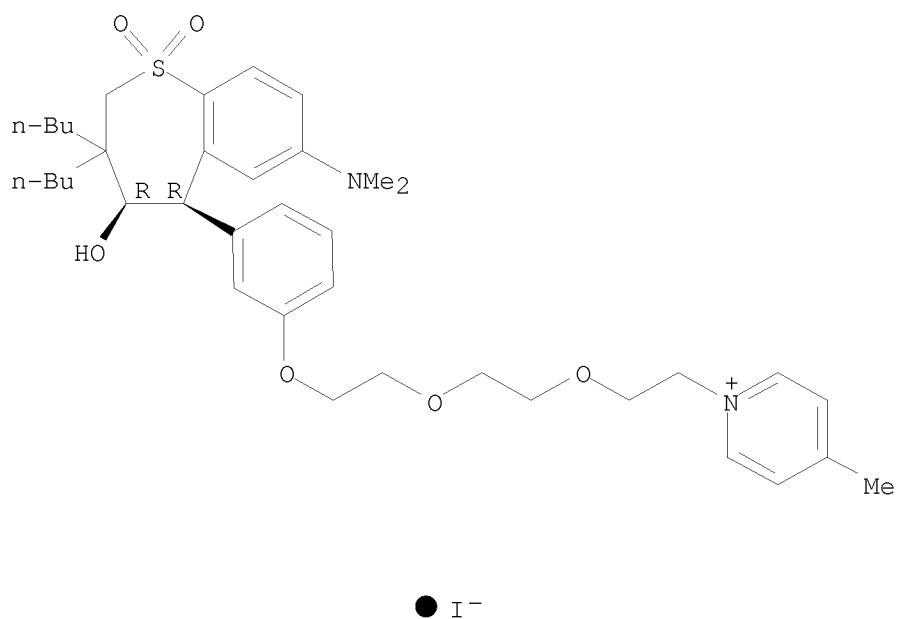


RN 197374-58-6 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

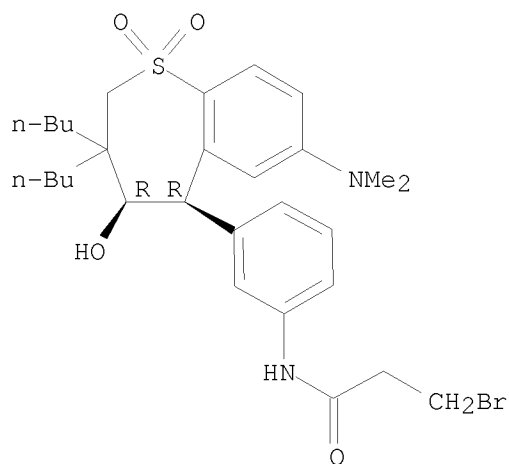
10/590,458



RN 197374-59-7 CAPLUS

CN Propanamide, 3-bromo-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

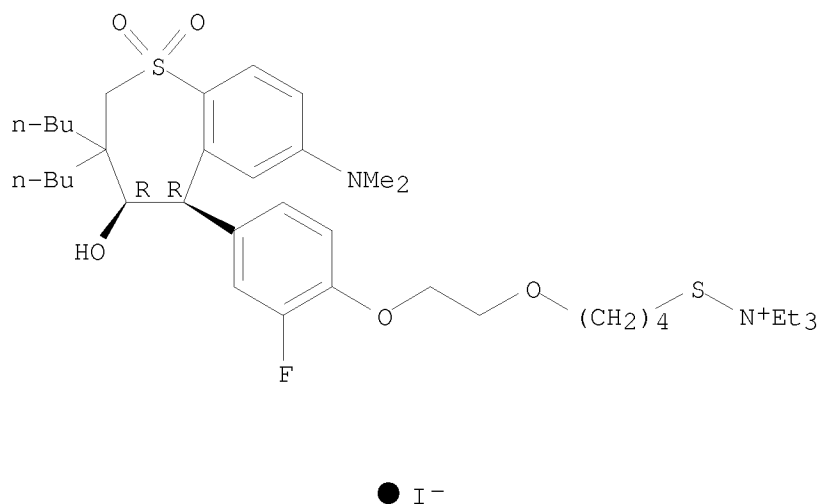


RN 197374-60-0 CAPLUS

CN Ethanaminium, N-[[4-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]butyl]thio]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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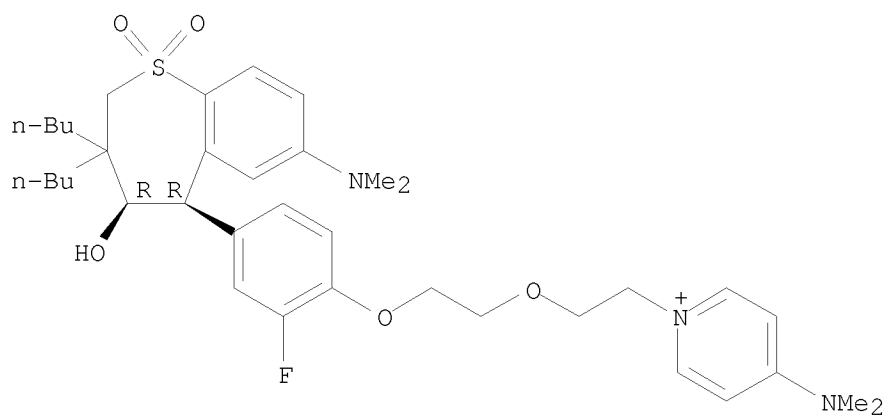


RN 197374-62-2 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-61-1
CMF C37 H53 F N3 O5 S

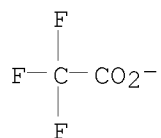
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

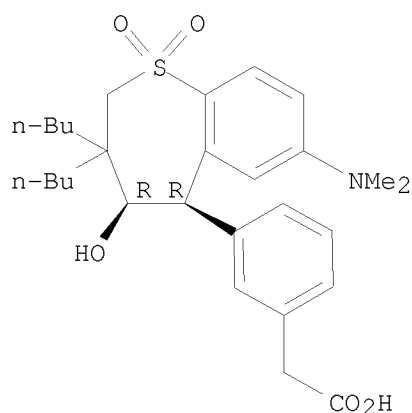
10/590,458



RN 197374-63-3 CAPLUS

CN Benzeneacetic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

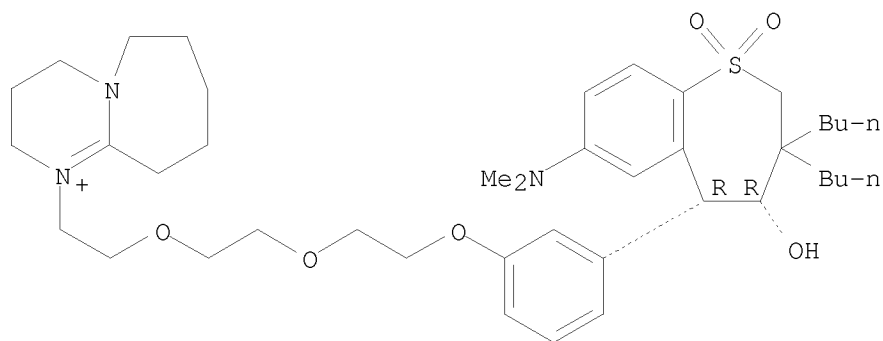
Relative stereochemistry.



RN 197374-65-5 CAPLUS

CN Pyrimido[1,2-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,3,4,6,7,8,9,10-octahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

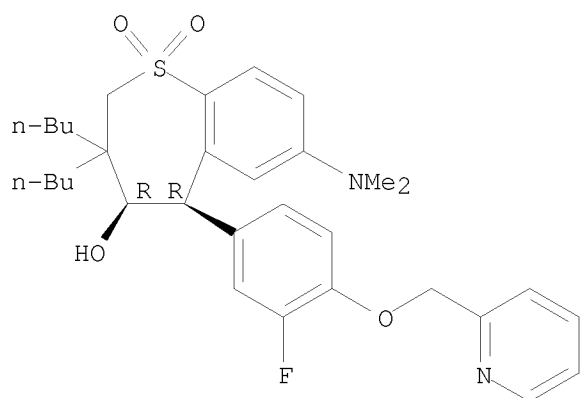


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RN 197374-68-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(2-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel-
(CA INDEX NAME)

Relative stereochemistry.

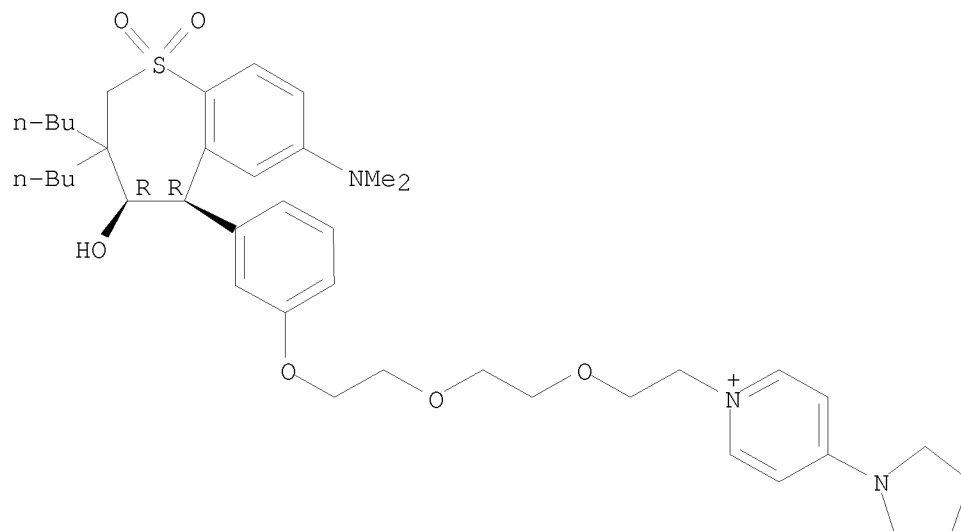


RN 197374-69-9 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-pyrrolidinyl)-, iodide (1:1), rel-
(CA INDEX NAME)

Relative stereochemistry.

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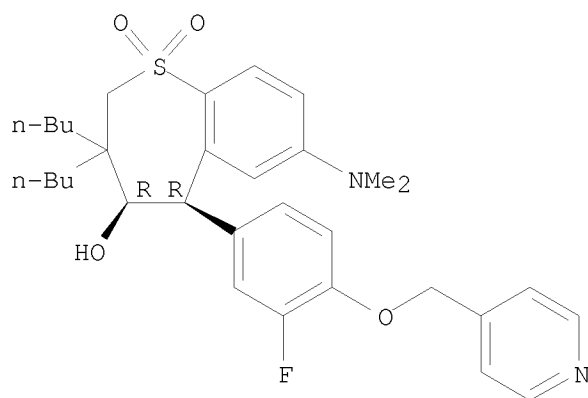




RN 197374-73-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(4-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

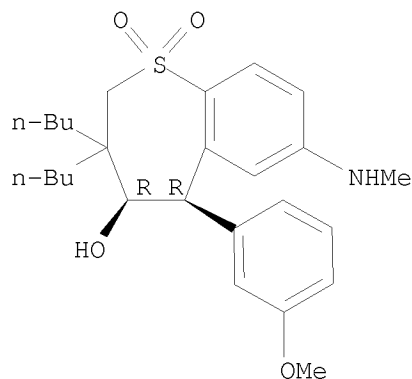
Relative stereochemistry.



RN 197374-74-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

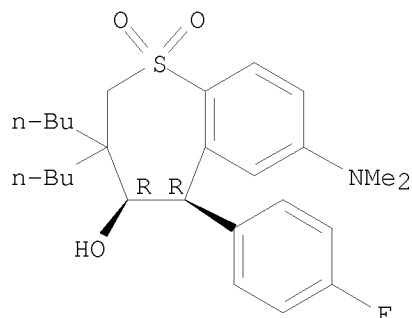


RN 197374-75-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

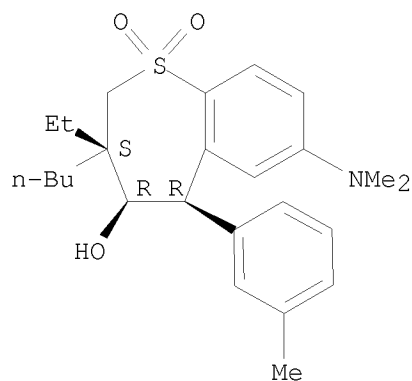
10/590,458



RN 197374-76-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

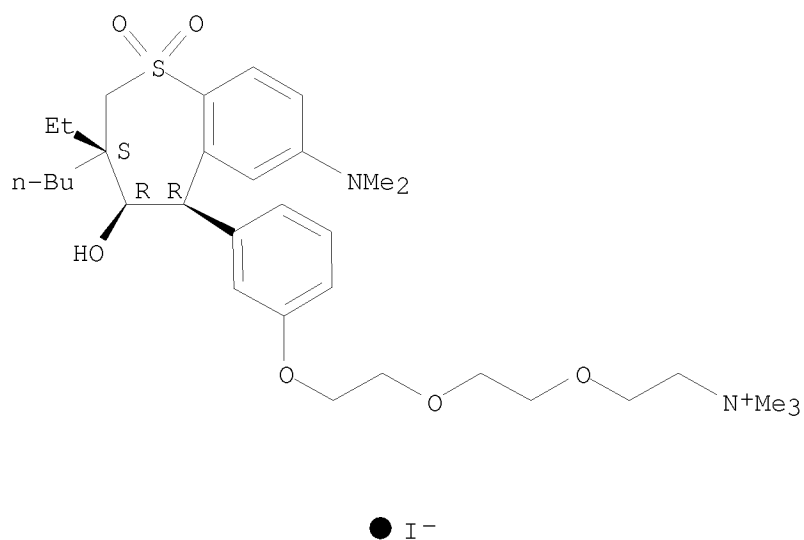


RN 197374-77-9 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

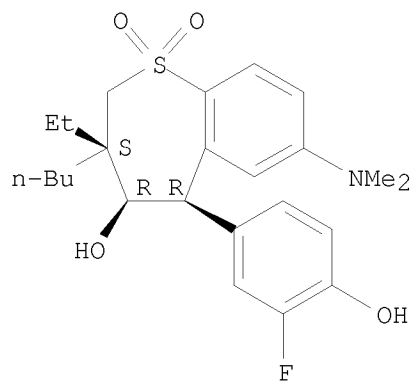
Relative stereochemistry.

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RN 197374-78-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

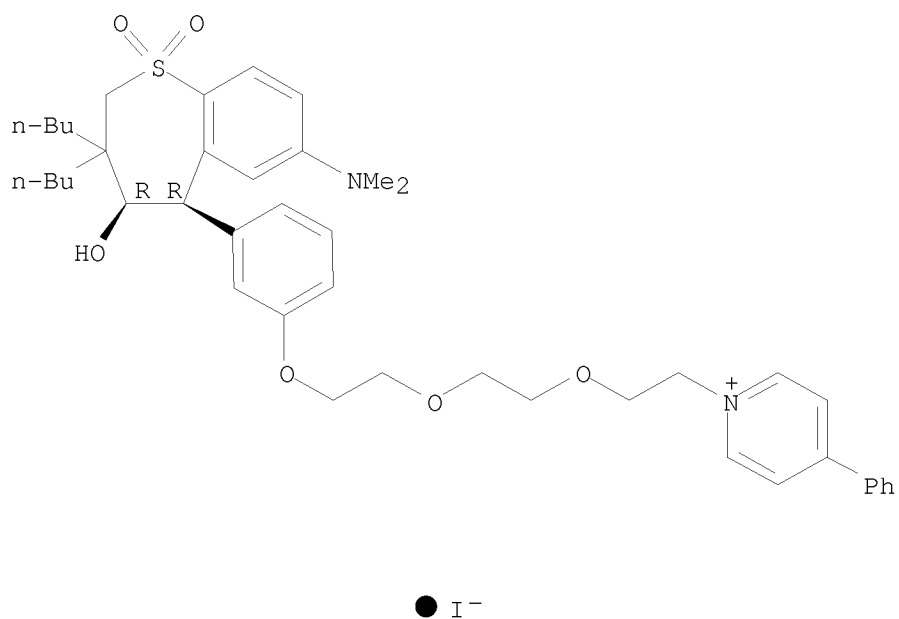
Relative stereochemistry.



RN 197374-79-1 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

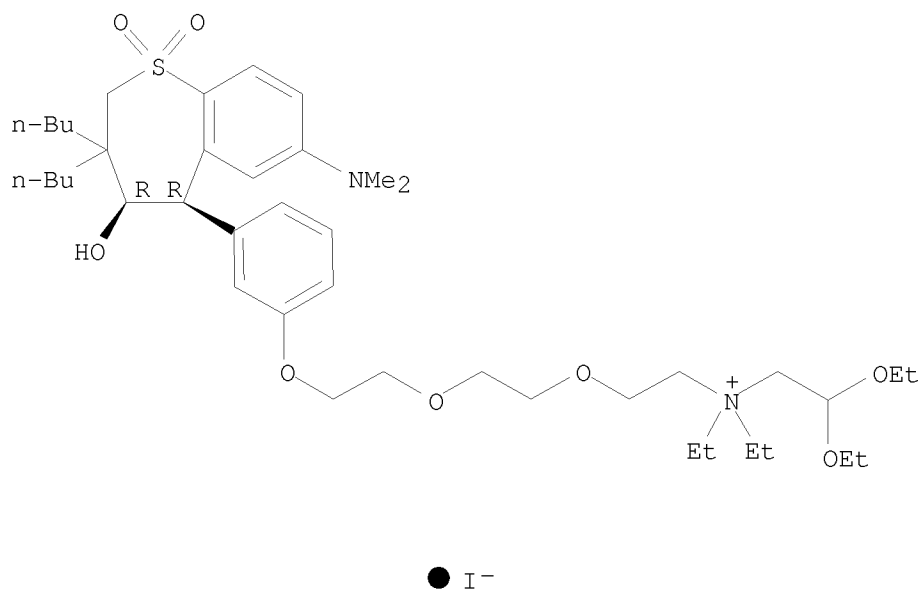
Relative stereochemistry.

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RN 197374-80-4 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,2-diethoxy-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



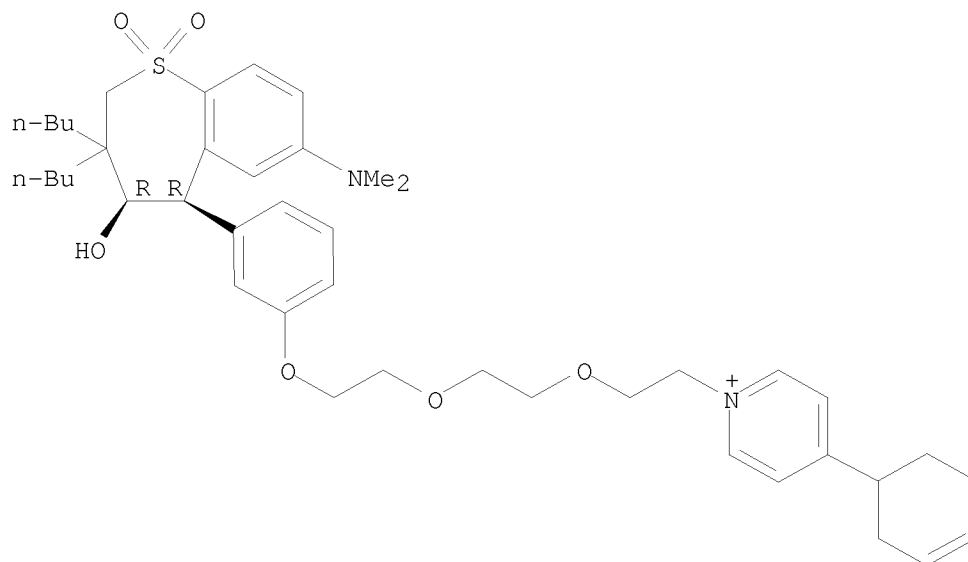
RN 197374-81-5 CAPLUS

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CN Pyridinium, 4-(3-cyclohexen-1-yl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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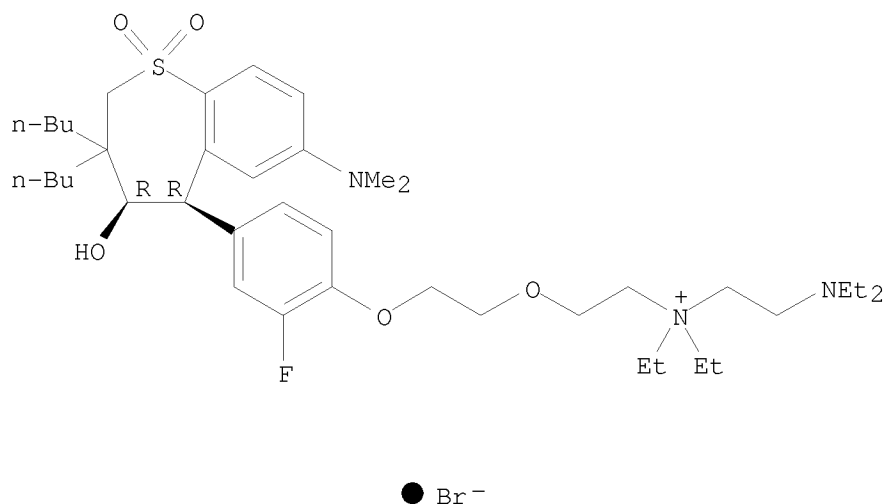
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RN 197374-82-6 CAPLUS

CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, bromide (1:1), rel- (CA INDEX NAME)

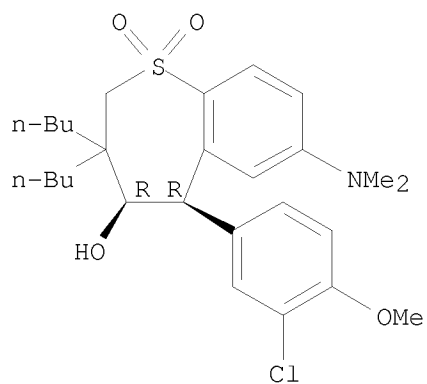
Relative stereochemistry.

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RN 197374-83-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

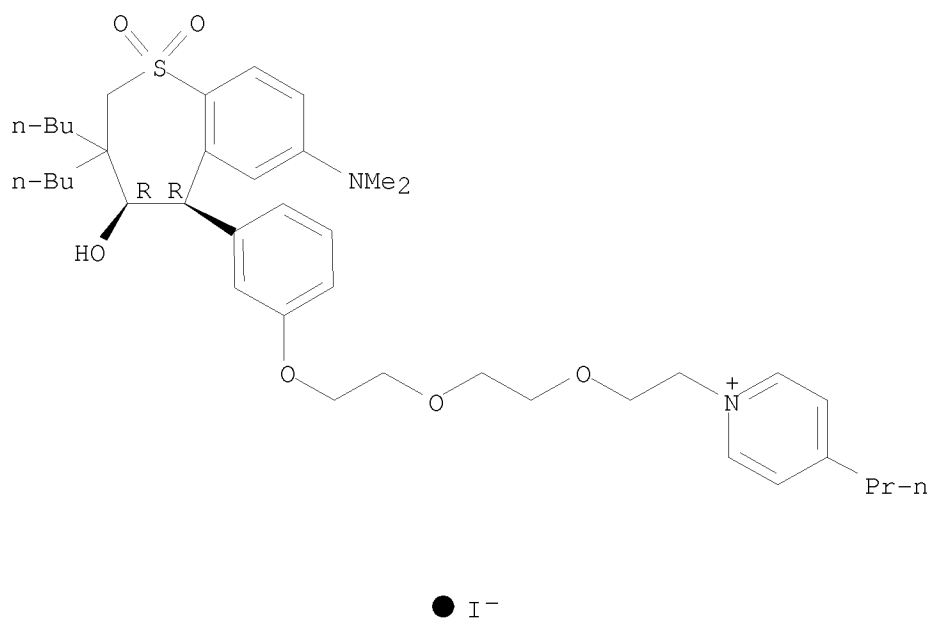
Relative stereochemistry.



RN 197374-85-9 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-propyl-, iodide (1:1), rel- (CA INDEX NAME)

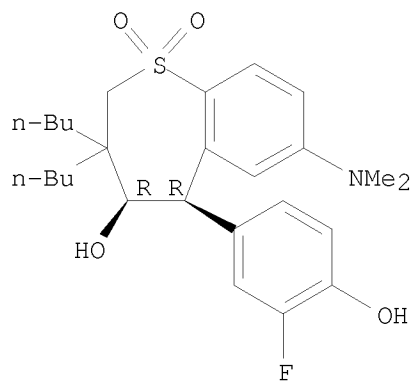
Relative stereochemistry.

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RN 197374-86-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

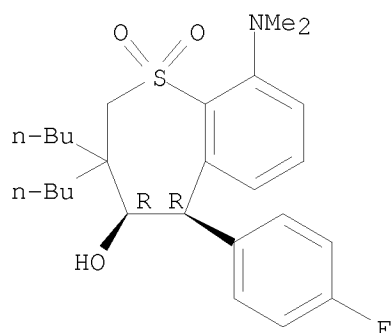
Relative stereochemistry.



RN 197374-87-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

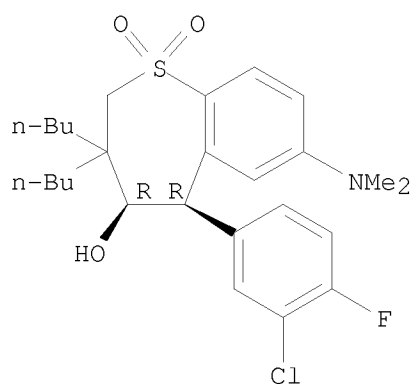
Relative stereochemistry.

10/590,458



RN 197374-88-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-fluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

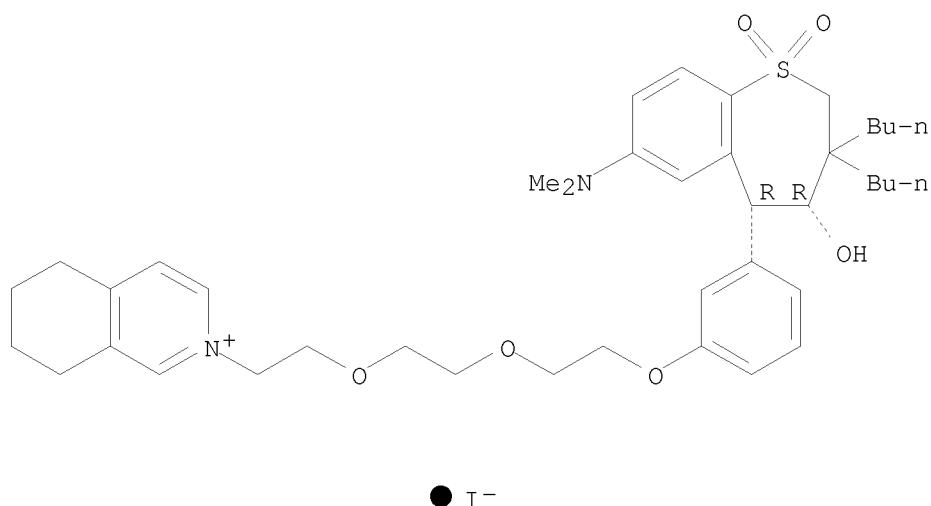
Relative stereochemistry.



RN 197374-89-3 CAPLUS
CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5,6,7,8-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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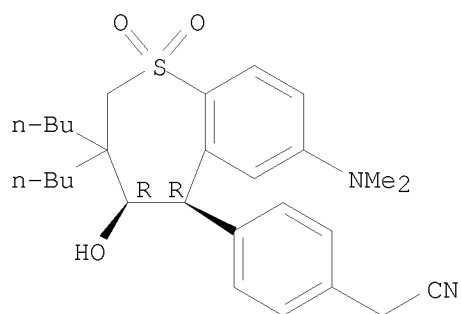


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RN 197374-90-6 CAPLUS

CN Benzeneacetonitrile, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

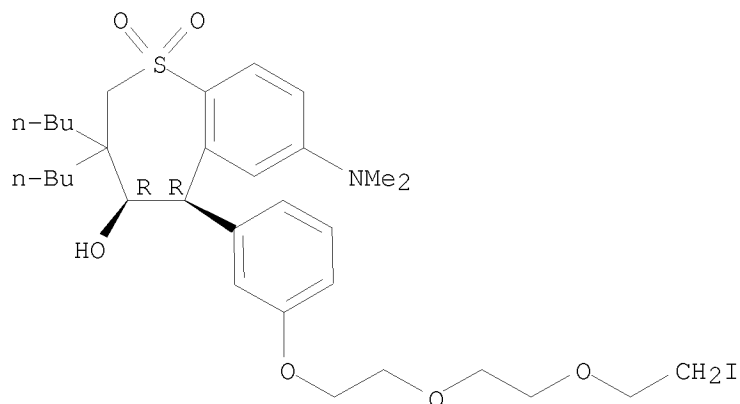


RN 197374-93-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

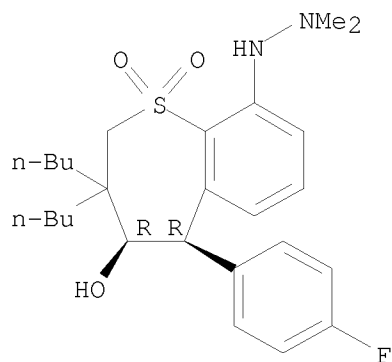
10/590,458



RN 197374-94-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(2,2-dimethylhydrazinyl)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

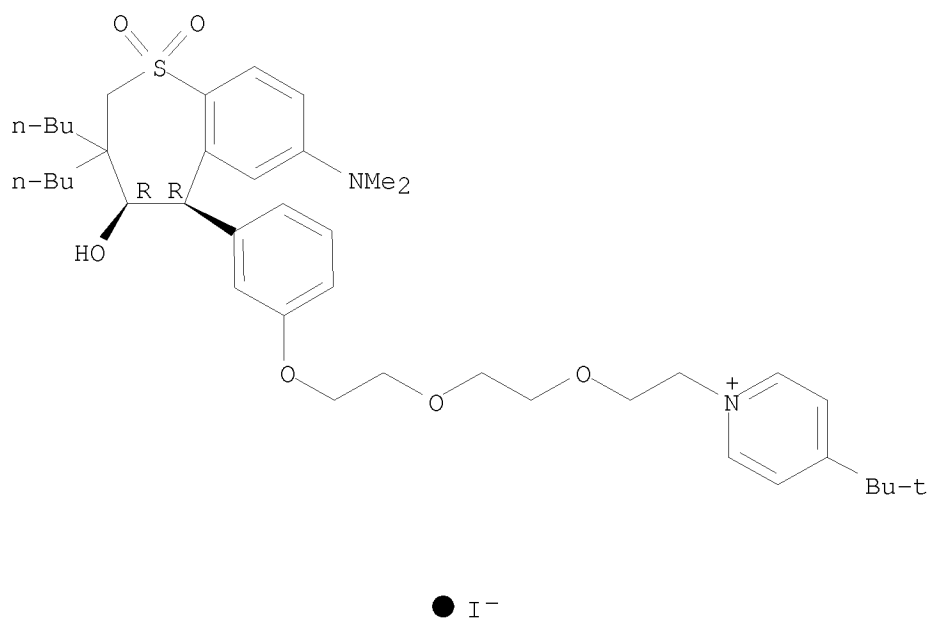


RN 197374-95-1 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1,1-dimethylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

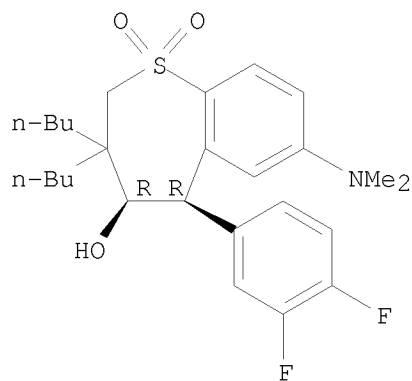
10/590,458



RN 197374-96-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-difluorophenyl)-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

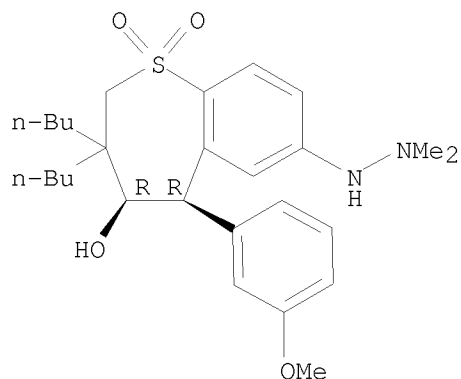


RN 197374-97-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(2,2-dimethylhydrazinyl)-2,3,4,5-
tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX
NAME)

Relative stereochemistry.

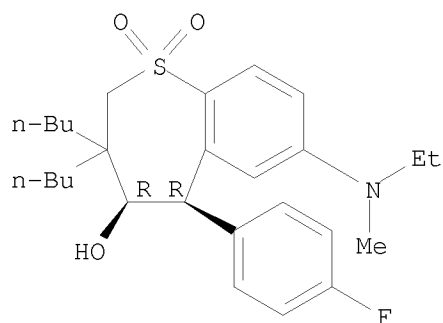
10/590,458



RN 197374-98-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

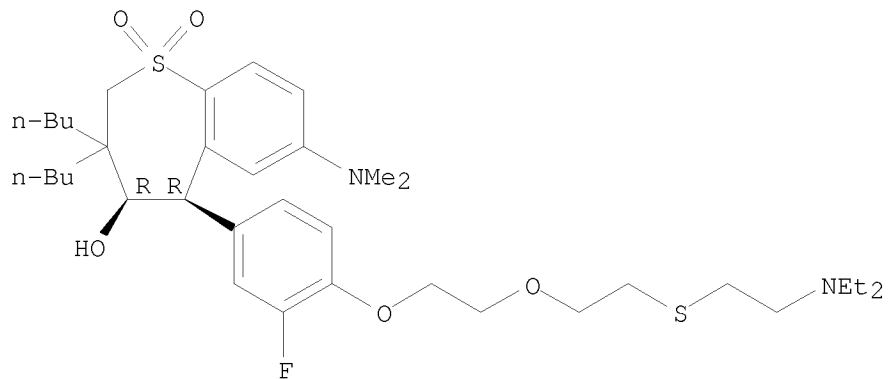
Relative stereochemistry.



RN 197374-99-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[[2-(diethylamino)ethyl]thio]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

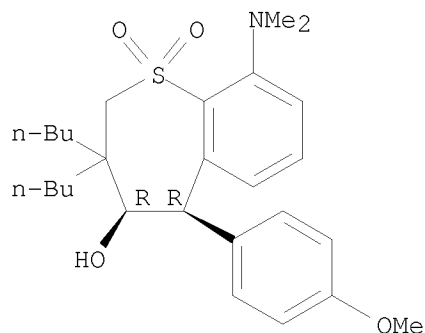


10/590,458

RN 197375-00-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

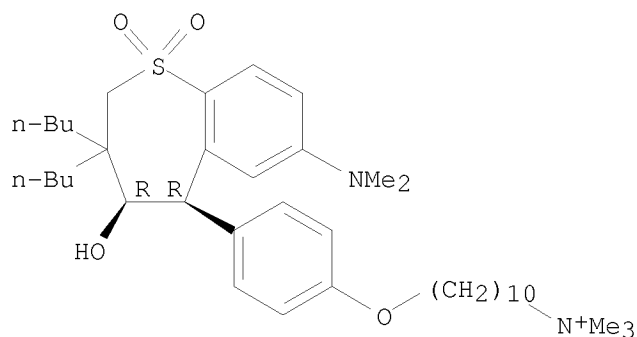
Relative stereochemistry.



RN 197375-01-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

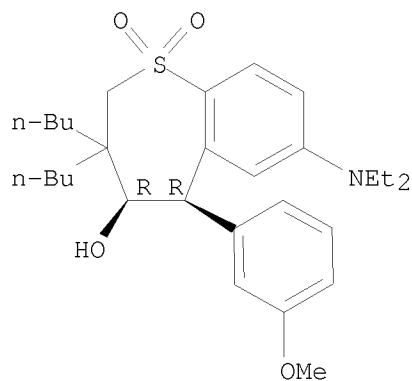


RN 197375-02-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

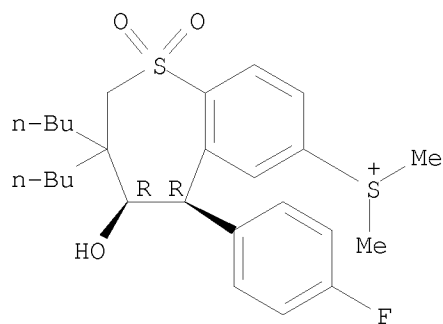
10/590,458



RN 197375-03-4 CAPLUS

CN Sulfonium, [(4R,5R)-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]dimethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

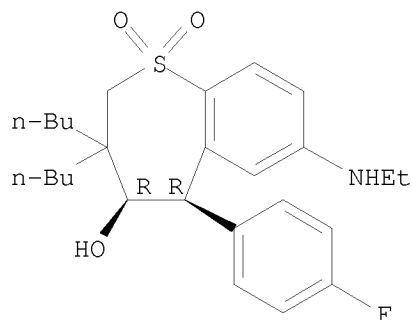


RN 197375-04-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

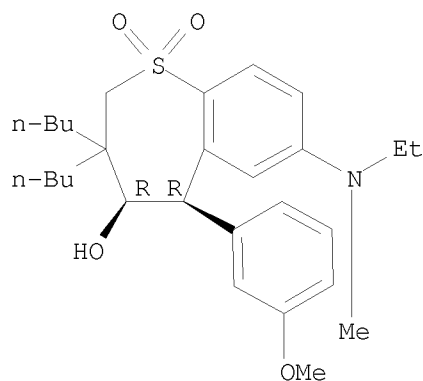
10/590,458



RN 197375-05-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylanino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

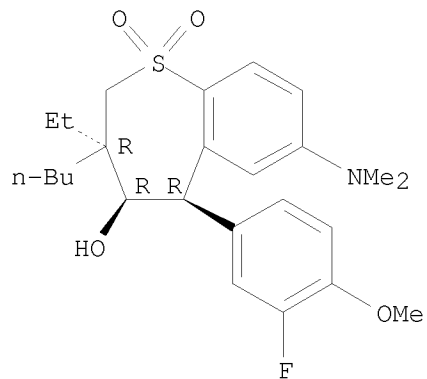
Relative stereochemistry.



RN 197375-06-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

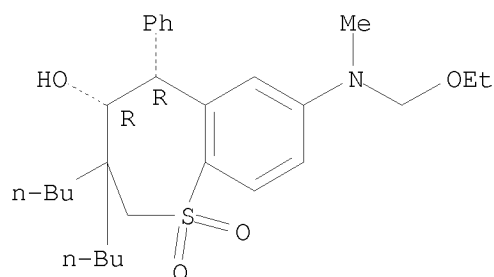


10/590,458

RN 197375-07-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(ethoxymethyl)methylamino]-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

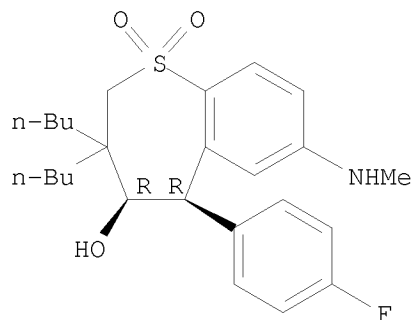
Relative stereochemistry.



RN 197375-08-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

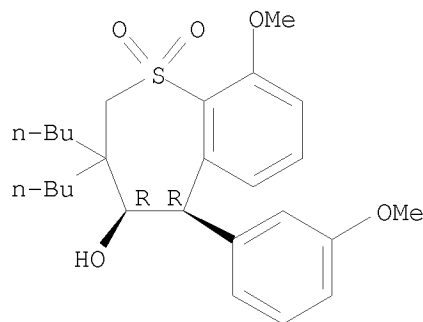
Relative stereochemistry.



RN 197375-09-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-9-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

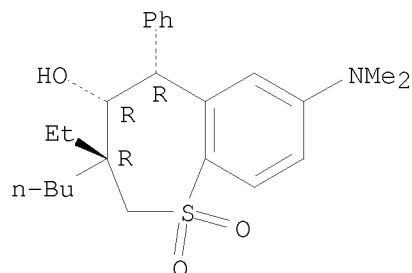


RN 197375-11-4 CAPLUS

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CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

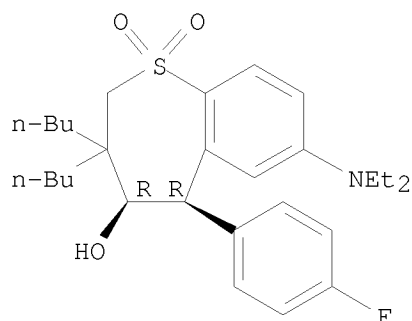
Relative stereochemistry.



RN 197375-12-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

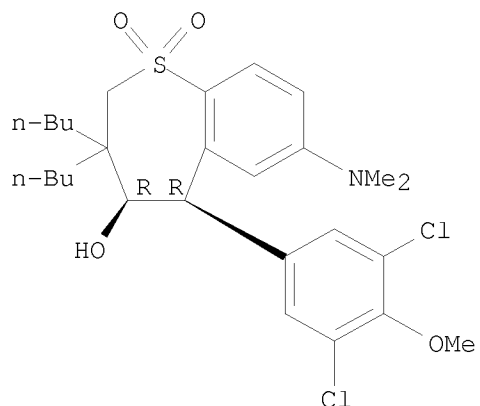


RN 197375-13-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

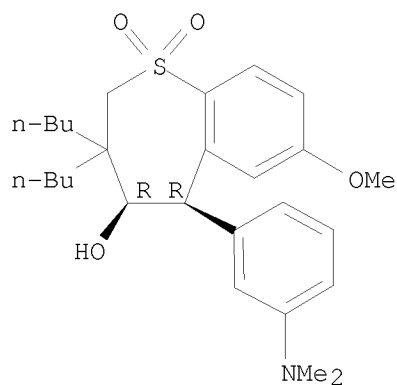
10/590,458



RN 197375-14-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

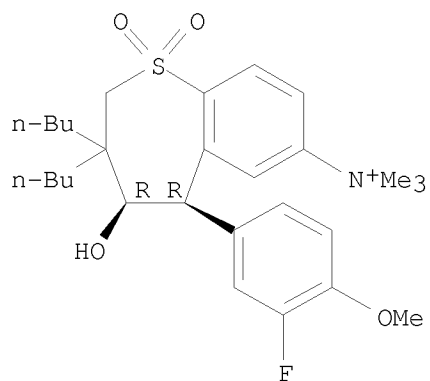


RN 197375-16-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

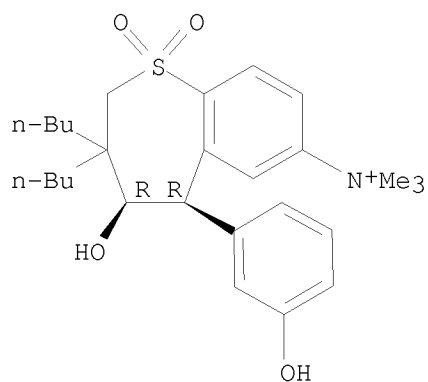
Relative stereochemistry.

10/590,458



RN 197375-17-0 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

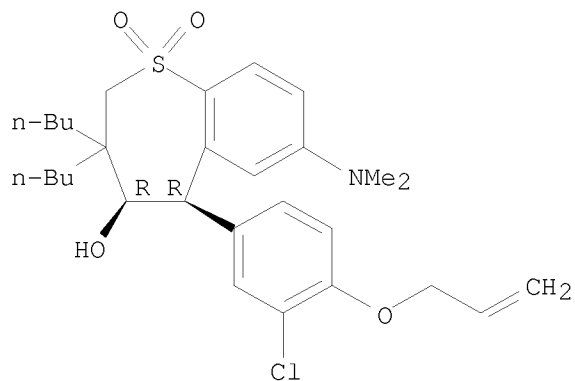
Relative stereochemistry.



RN 197375-20-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-chloro-4-(2-propen-1-yloxy)phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

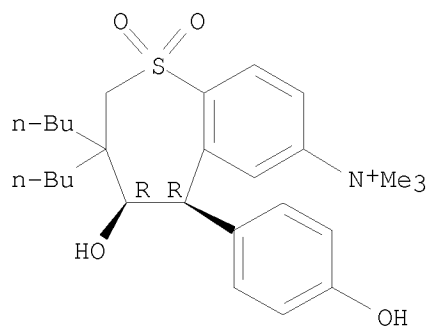
10/590,458



RN 197375-21-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

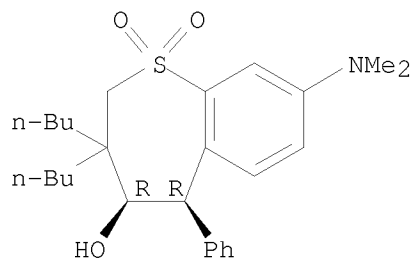


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RN 197375-22-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

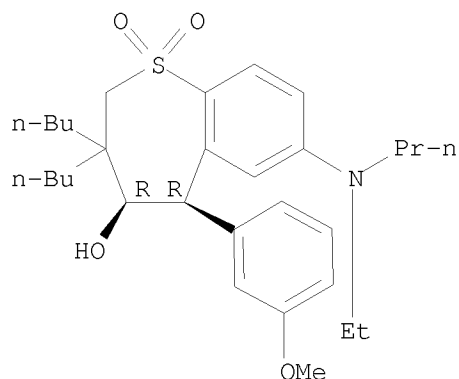


10/590,458

RN 197375-23-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

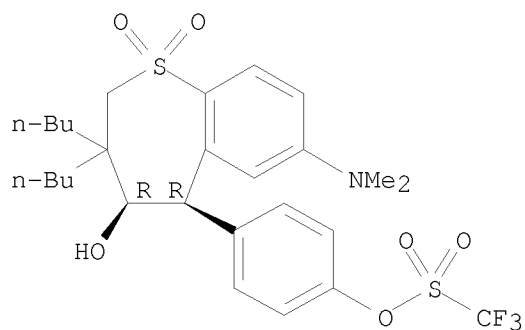
Relative stereochemistry.



RN 197375-24-9 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

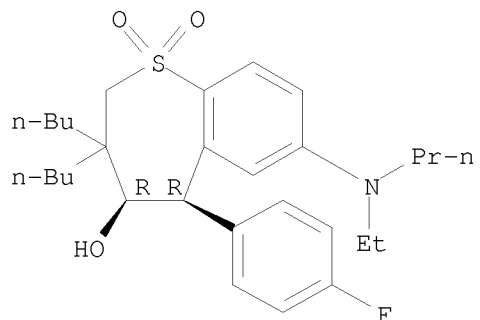


RN 197375-25-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

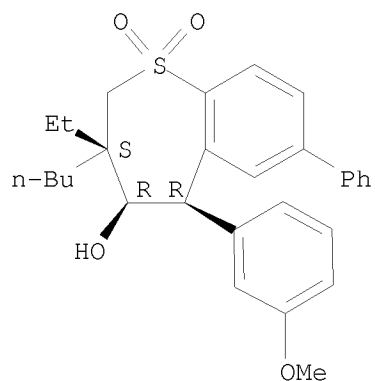
Relative stereochemistry.

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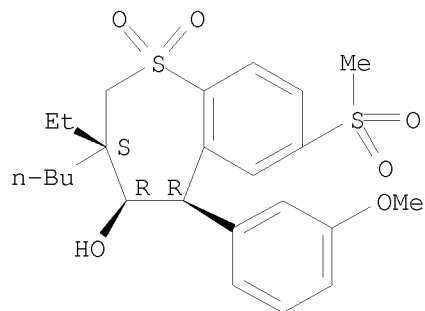
RN 197375-26-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197375-28-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfonyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

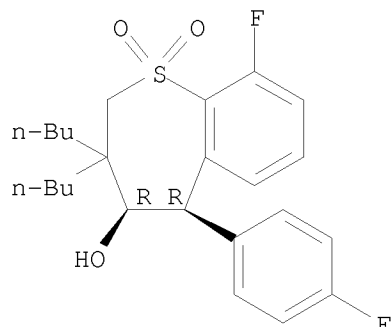


RN 197375-30-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-5-(4-fluorophenyl)-2,3,4,5-

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tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

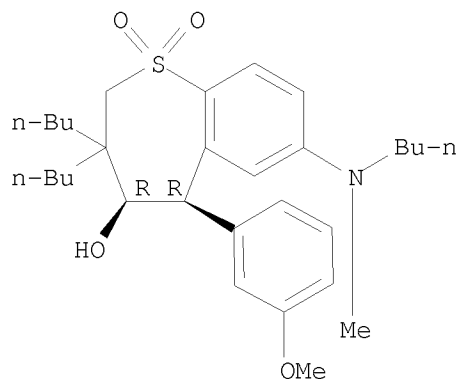
Relative stereochemistry.



RN 197375-32-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

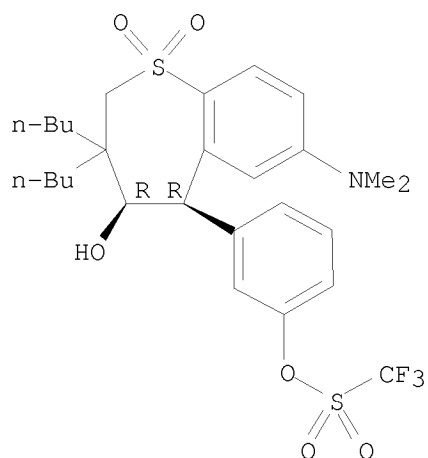


RN 197375-34-1 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

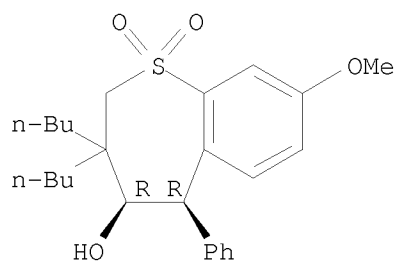
Relative stereochemistry.

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RN 197375-36-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

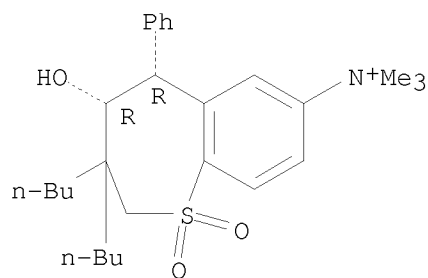
Relative stereochemistry.



RN 197375-39-6 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-
trimethyl-5-phenyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX
NAME)

Relative stereochemistry.

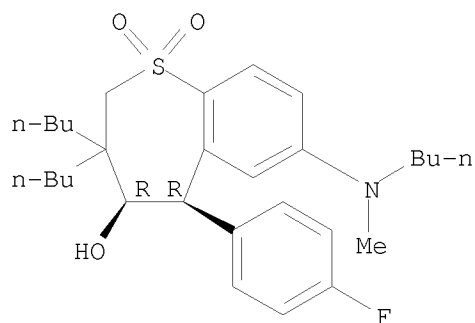
10/590,458



RN 197375-42-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

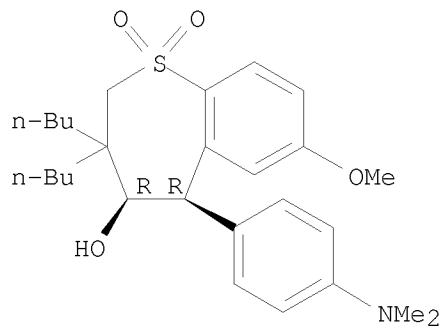
Relative stereochemistry.



RN 197375-44-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-
tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

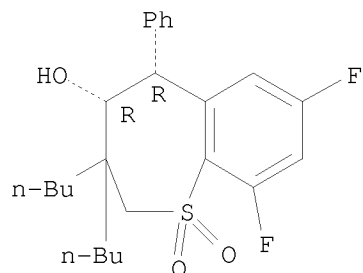


RN 197375-52-3 CAPLUS

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CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

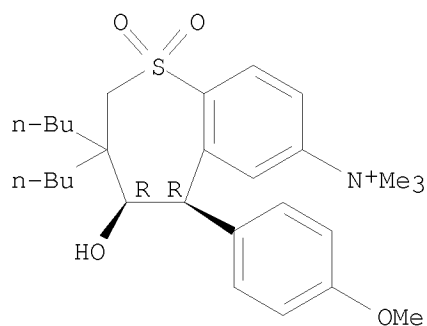
Relative stereochemistry.



RN 197375-57-8 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

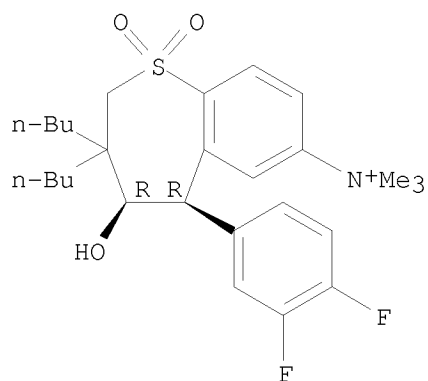


RN 197375-60-3 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3,4-difluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

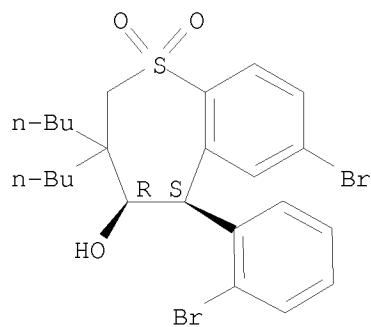
10/590,458



RN 197375-63-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-5-(2-bromophenyl)-3,3-dibutyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

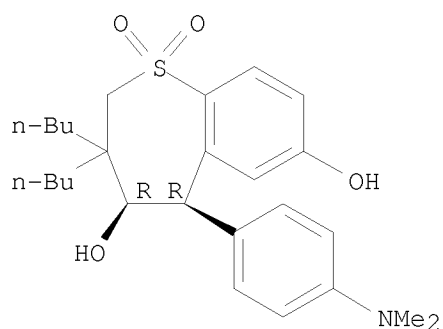


RN 197375-66-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

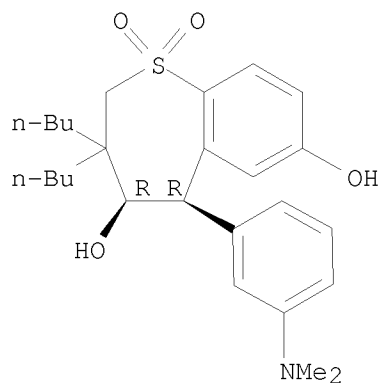
10/590,458



RN 197375-68-1 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

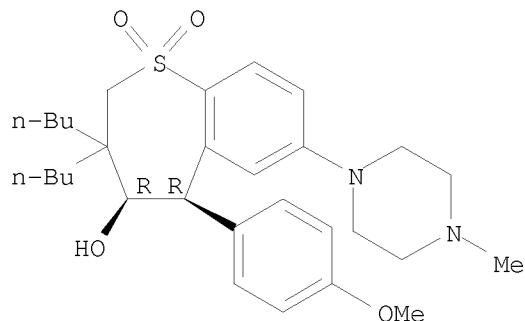
Relative stereochemistry.



RN 197375-74-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



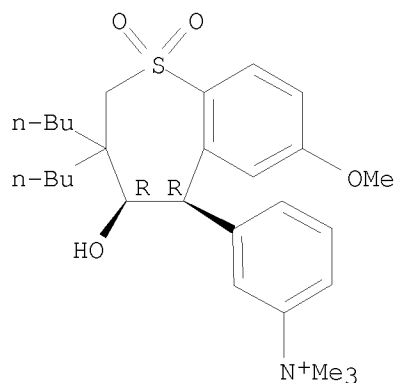
RN 197375-75-0 CAPLUS

CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-

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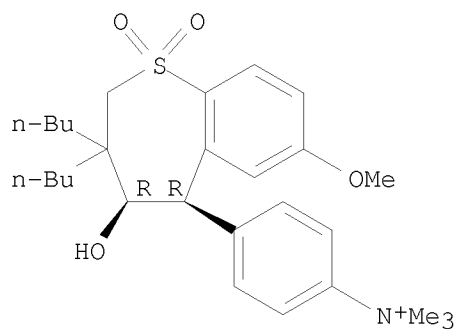
methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197375-86-3 CAPLUS
CN Benzenaminium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1),
rel- (CA INDEX NAME)

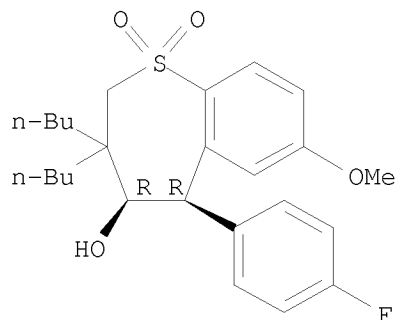
Relative stereochemistry.



RN 197375-89-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

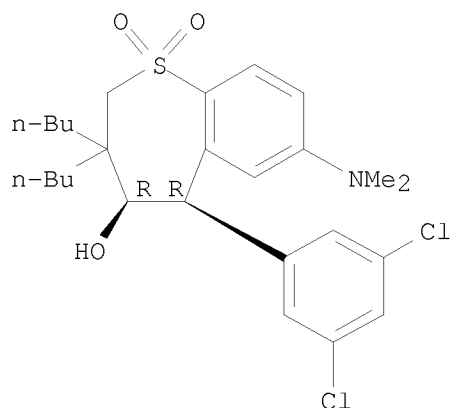
10/590,458



RN 197375-93-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichlorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

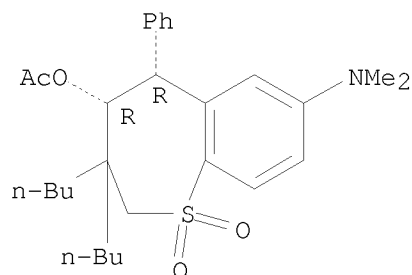
Relative stereochemistry.



RN 197375-94-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



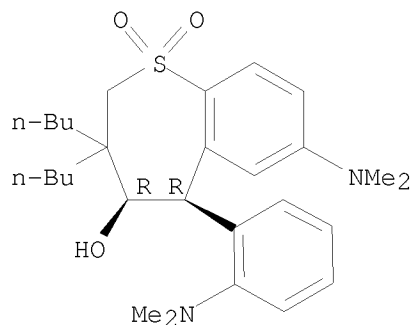
RN 197375-96-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[2-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

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INDEX NAME)

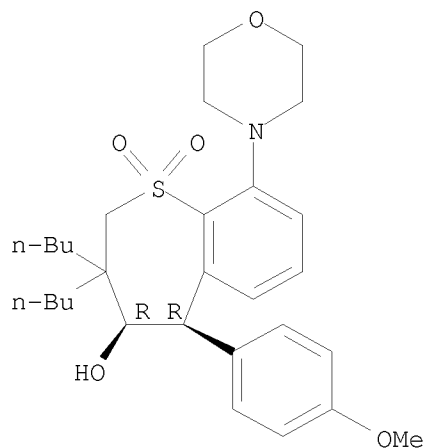
Relative stereochemistry.



RN 197376-00-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

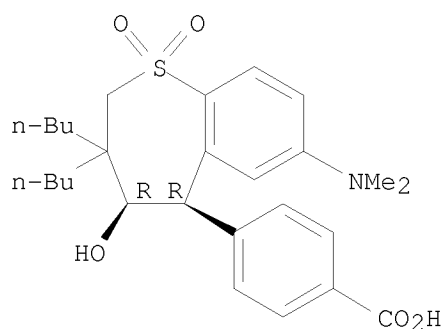


RN 197376-07-1 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

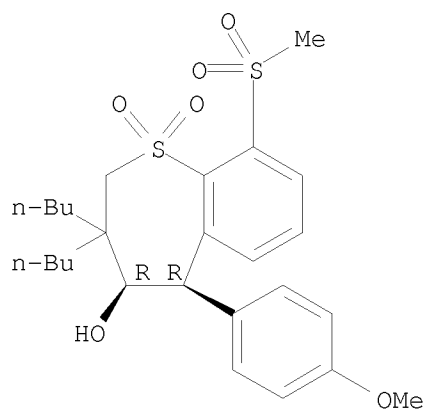
10/590,458



RN 197376-08-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(methylsulfonyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

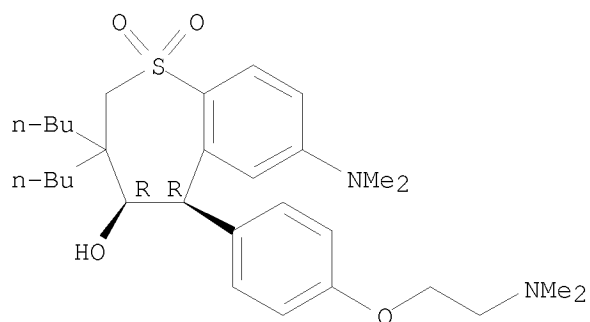
Relative stereochemistry.



RN 197376-09-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-(dimethylamino)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

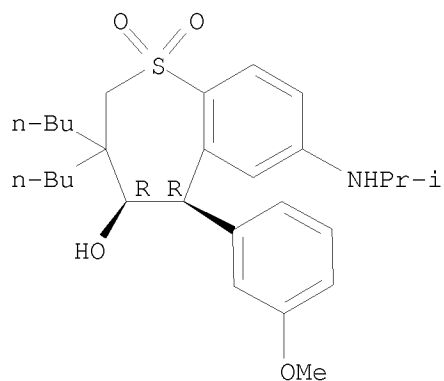


10/590,458

RN 197376-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-
[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

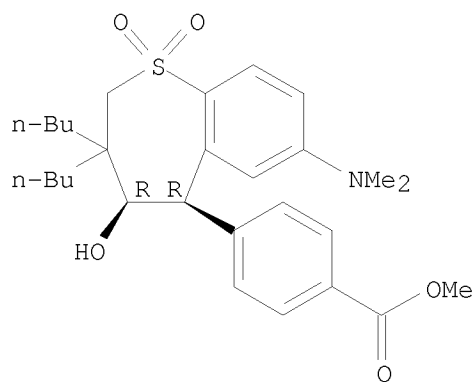
Relative stereochemistry.



RN 197376-11-7 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-
4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX
NAME)

Relative stereochemistry.

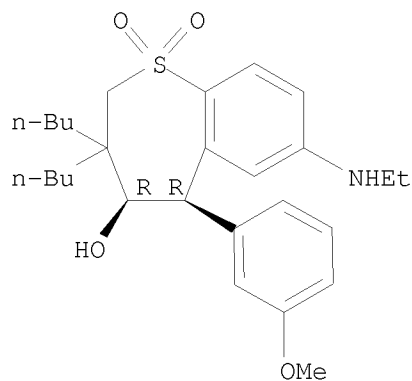


RN 197376-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-2,3,4,5-tetrahydro-5-(3-
methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

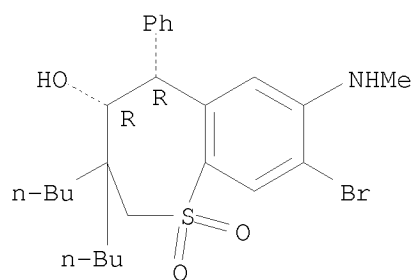
10/590,458



RN 197376-13-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-2,3,4,5-tetrahydro-7-(methyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

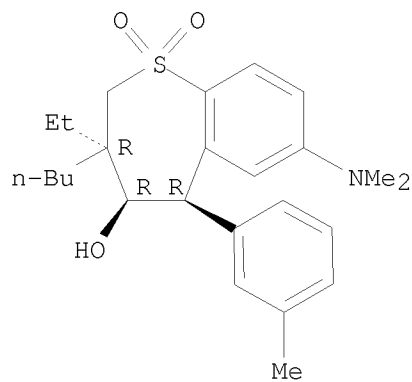
Relative stereochemistry.



RN 197376-14-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



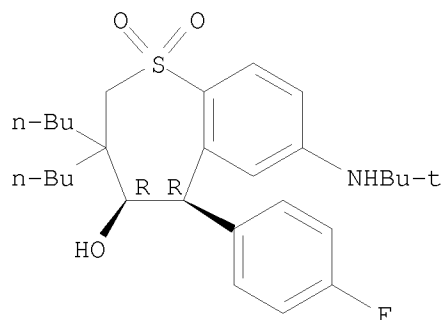
RN 197376-15-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-5-(4-

10/590,458

fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

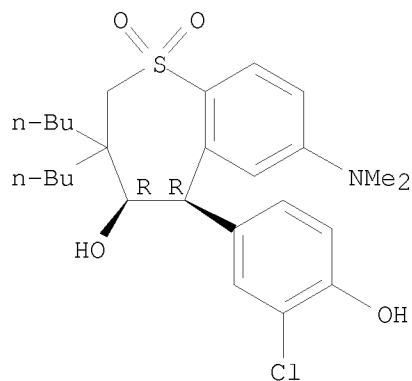
Relative stereochemistry.



RN 197376-17-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-hydroxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

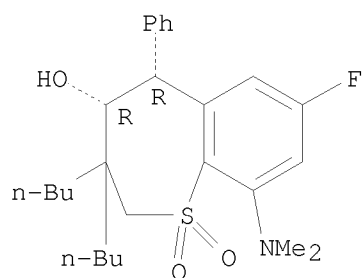
Relative stereochemistry.



RN 197376-18-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

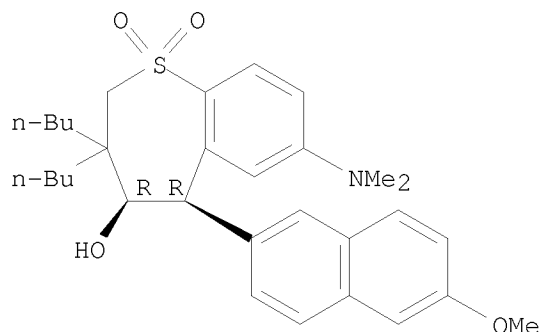


10/590,458

RN 197376-19-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-methoxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

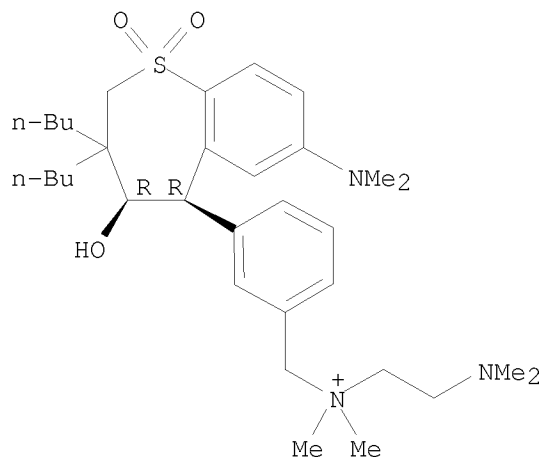
Relative stereochemistry.



RN 197376-21-9 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

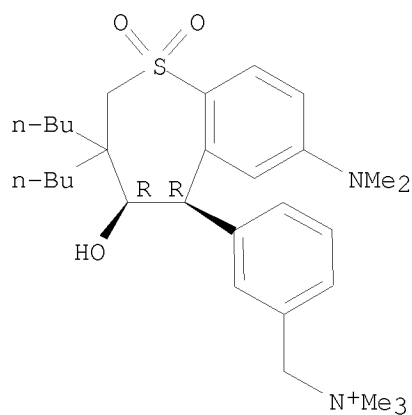


● Br⁻

RN 197376-22-0 CAPLUS

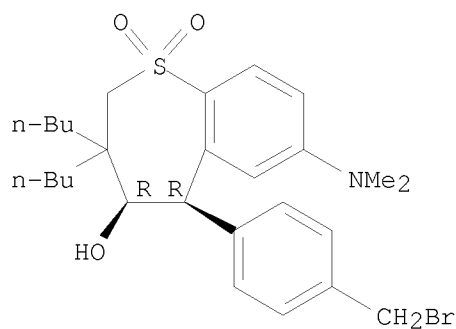
CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 197376-25-3 CAPLUS
 CN 1-Benzothiepin-4-ol, 5-[4-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT	197376-27-5P	197376-29-7P	197376-31-1P
	197376-32-2P	197376-34-4P	197376-36-6P
	197376-38-8P	197376-46-8P	197376-49-1P
	197376-52-6P	197376-55-9P	197376-58-2P
	197376-61-7P	197376-64-0P	197376-67-3P
	197376-69-5P	197376-73-1P	197376-74-2P
	197376-75-3P	197376-80-0P	197376-82-2P
	197376-83-3P	197376-84-4P	197376-85-5P
	197376-86-6P	197376-89-9P	197376-90-2P
	197376-92-4P	197376-94-6P	197376-95-7P
	197376-97-9P	197376-99-1P	197377-02-9P
	197377-03-0P	197377-05-2P	197377-09-6P
	197377-10-9P	197377-11-0P	197377-12-1P
	197377-14-3P	197377-16-5P	197377-17-6P
	197377-18-7P	197377-19-8P	197377-20-1P

197377-21-2P	197377-23-4P	197377-24-5P
197377-25-6P	197377-26-7P	197377-27-8P
197377-28-9P	197377-29-0P	197377-30-3P
197377-32-5P	197377-33-6P	197377-34-7P
197377-35-8P	197377-36-9P	197377-37-0P
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197377-42-7P	197377-43-8P	197377-45-0P
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213313-32-7P	213313-33-8P	213313-34-9P
213313-35-0P	213386-72-2P	

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

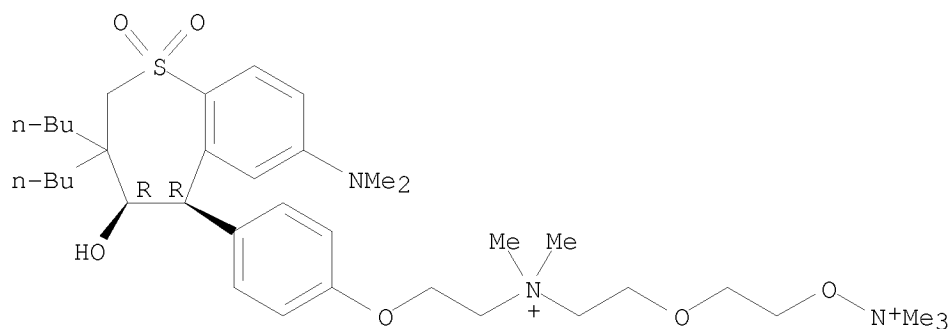
(preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors)

RN 197376-27-5 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N-dimethyl-N-[2-[2-[(trimethylammonio)oxy]ethoxy]ethyl]-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

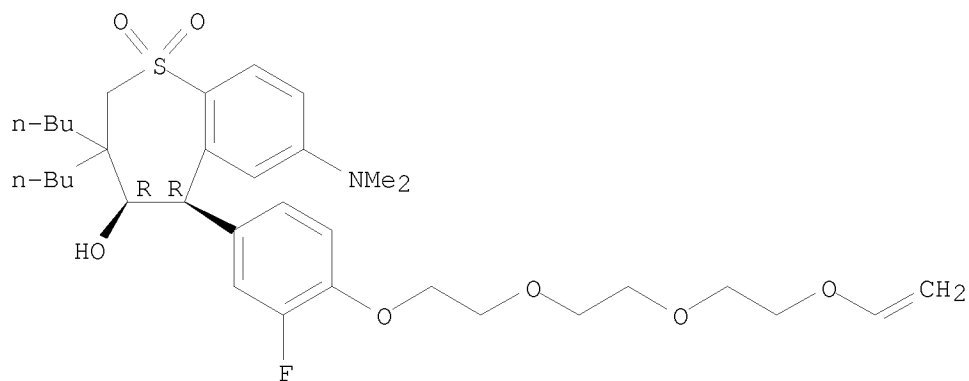


●2 I⁻

RN 197376-29-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-[2-[2-(ethenyloxy)ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

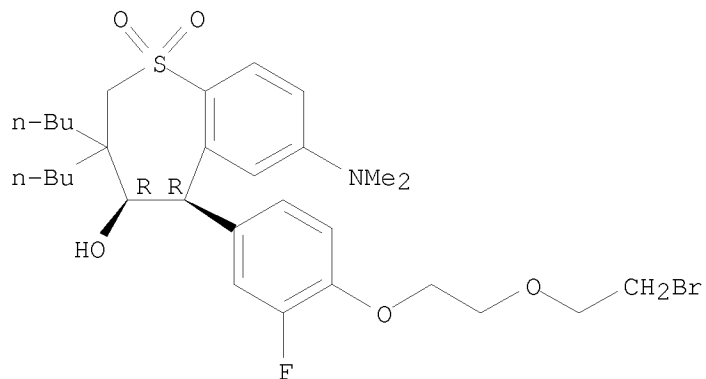


RN 197376-31-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

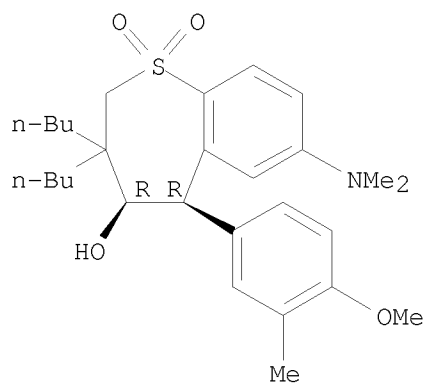
10/590,458



RN 197376-32-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxy-3-methylphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

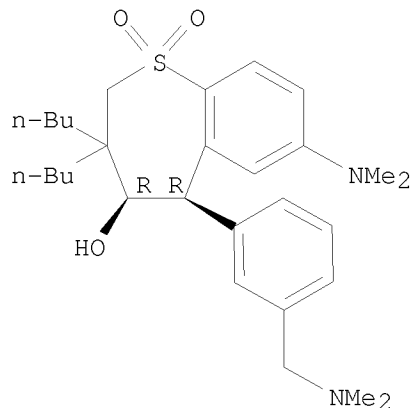


RN 197376-34-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

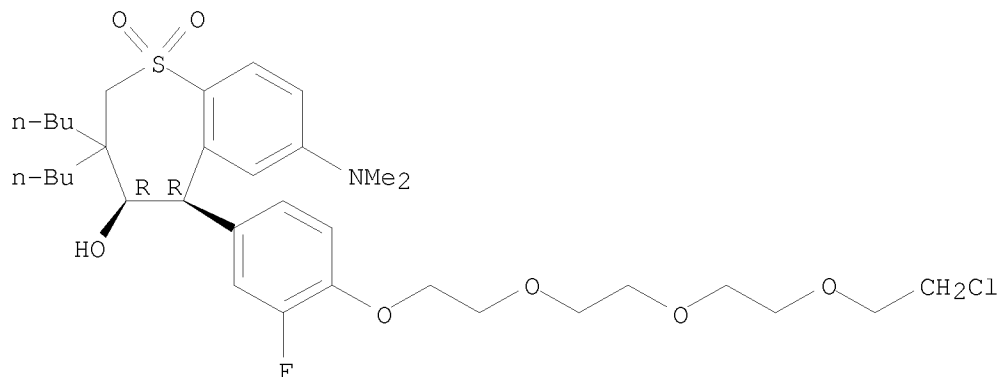
10/590,458



RN 197376-36-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[2-(2-chloroethoxy)ethoxy]ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

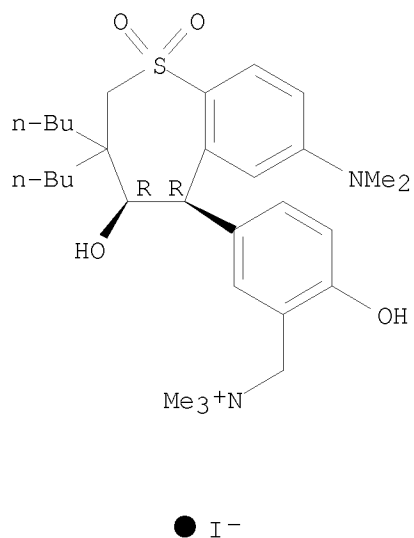


RN 197376-38-8 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-hydroxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

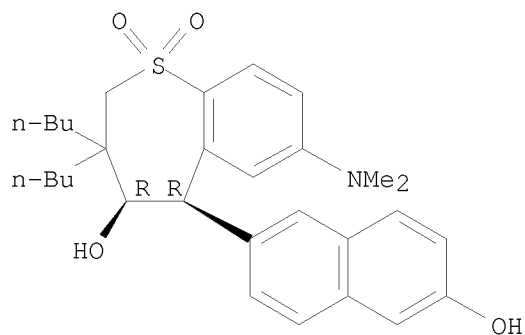
Relative stereochemistry.

10/590,458



RN 197376-46-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-hydroxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

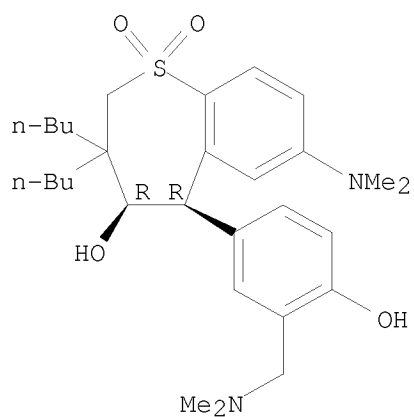
Relative stereochemistry.



RN 197376-49-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]-4-hydroxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

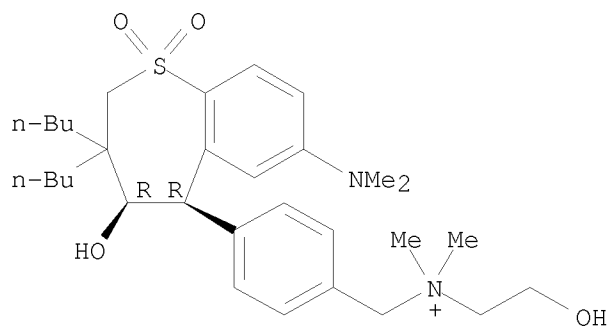


RN 197376-52-6 CAPLUS
CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(2-hydroxyethyl)-N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

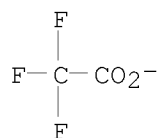
CRN 197376-51-5
CMF C31 H49 N2 O4 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

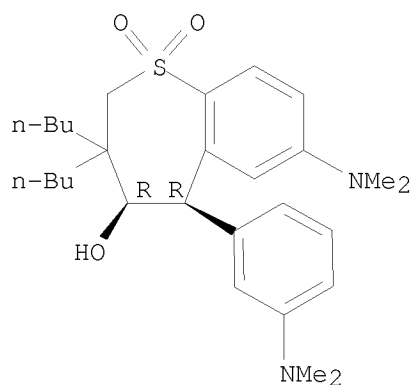


10/590,458

RN 197376-55-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

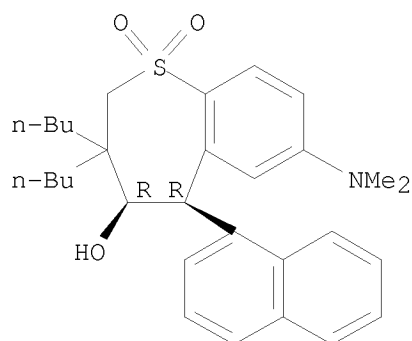
Relative stereochemistry.



RN 197376-58-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(1-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

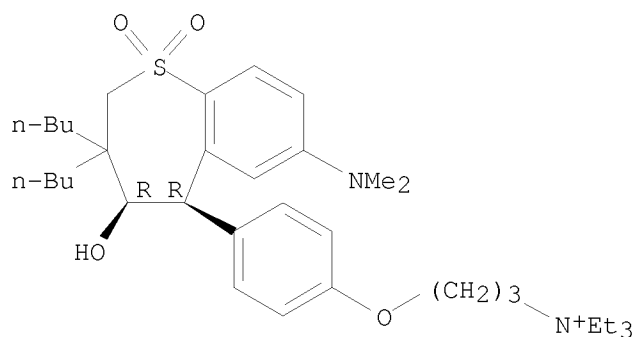


RN 197376-61-7 CAPLUS

CN 1-Propanaminium, 3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

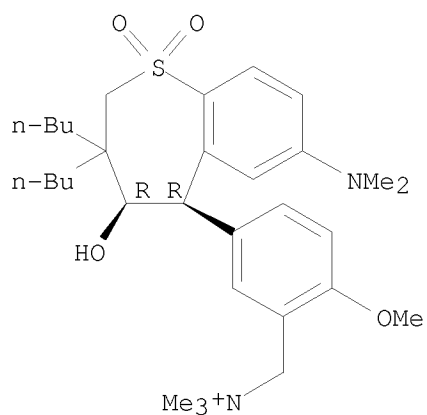
Relative stereochemistry.

10/590,458



RN 197376-64-0 CAPLUS
CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-methoxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

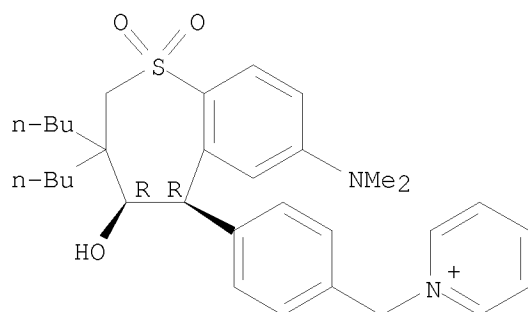
Relative stereochemistry.



RN 197376-67-3 CAPLUS
CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

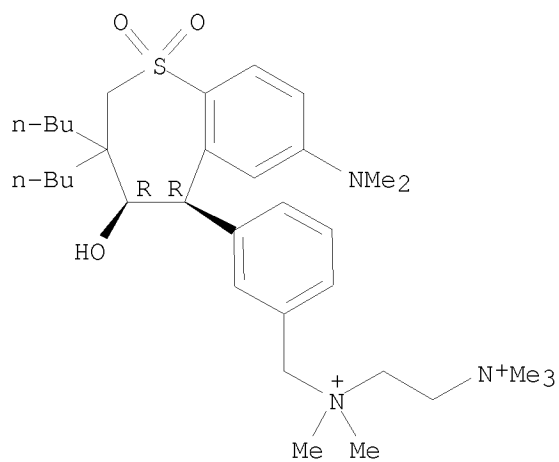
Relative stereochemistry.

10/590,458



RN 197376-69-5 CAPLUS
CN 1,2-Ethanediaminium, N1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

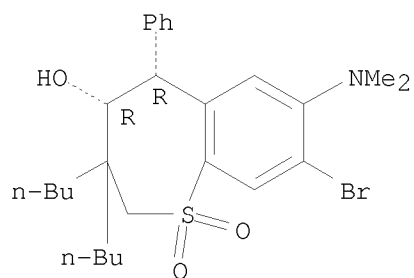
Relative stereochemistry.



RN 197376-73-1 CAPLUS
CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

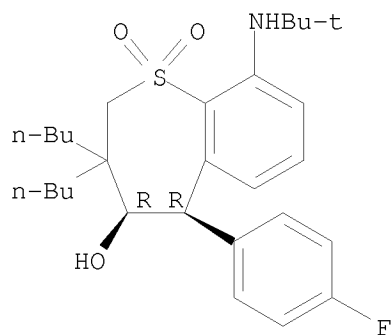
Relative stereochemistry.

10/590,458



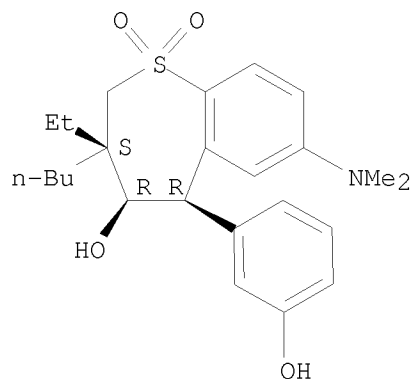
RN 197376-74-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197376-75-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

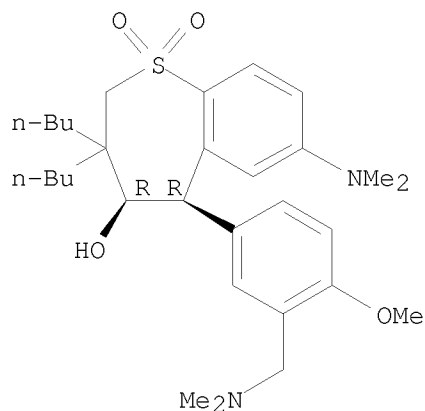


RN 197376-80-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-

10/590,458

[(dimethylamino)methyl]-4-methoxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

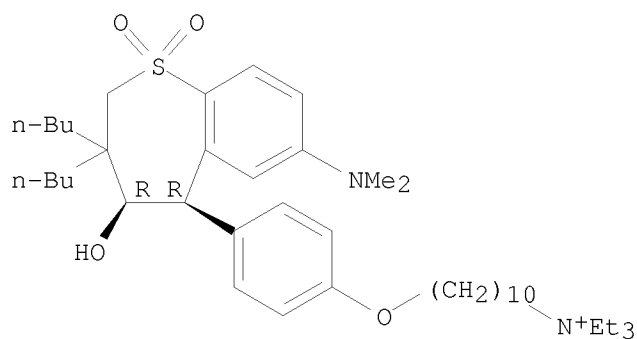
Relative stereochemistry.



RN 197376-82-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



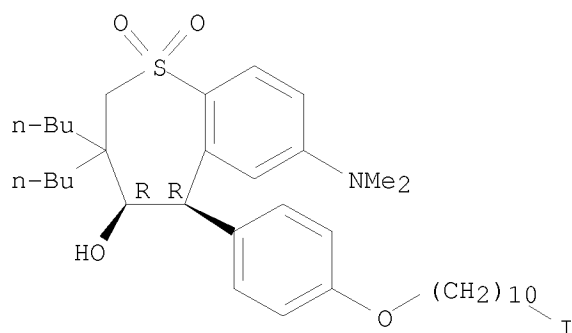
● I⁻

RN 197376-83-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(10-iododecyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

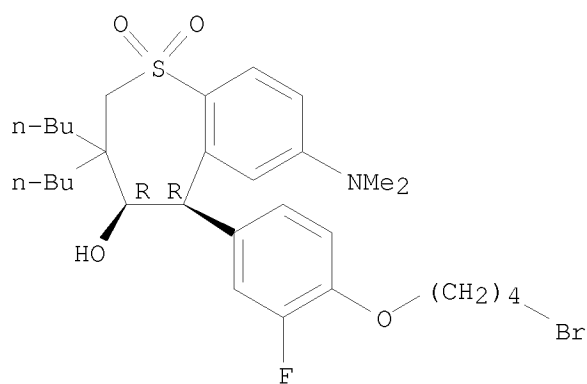
10/590,458



RN 197376-84-4 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-(4-bromobutoxy)-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

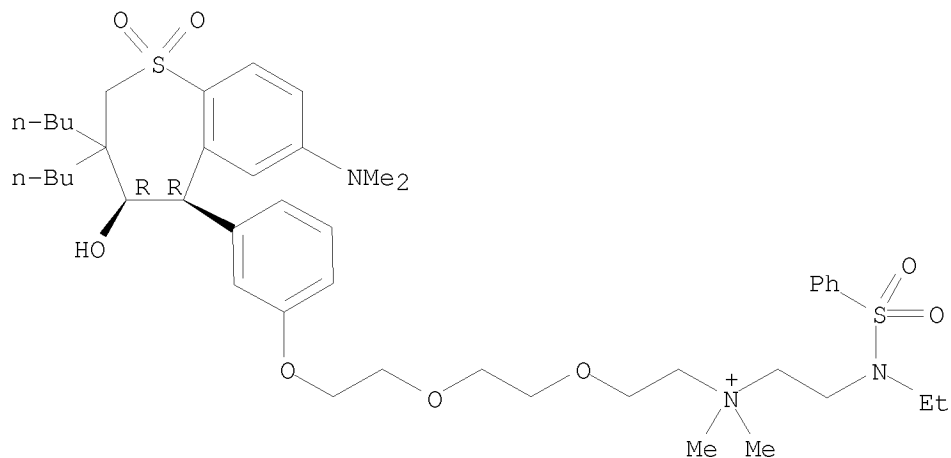


RN 197376-85-5 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(phenylsulfonyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

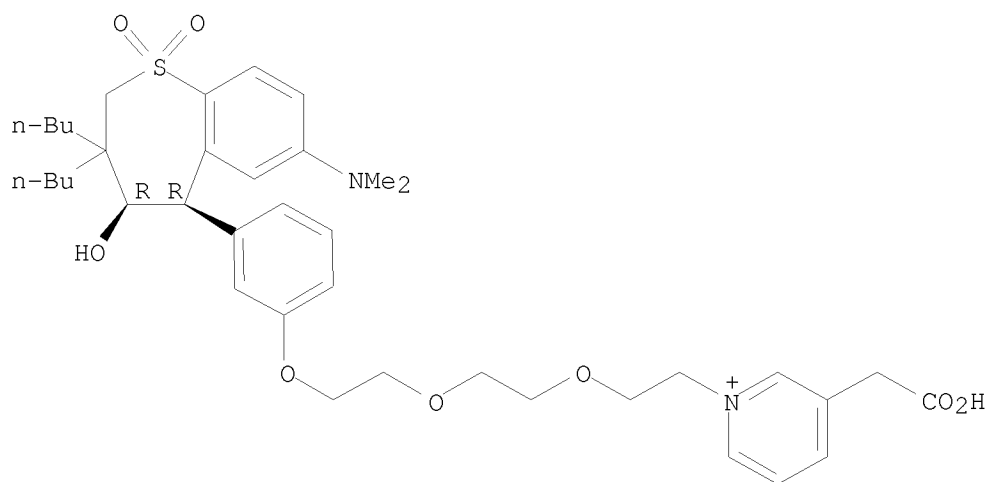
Relative stereochemistry.

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RN 197376-86-6 CAPLUS
CN Pyridinium, 3-(carboxymethyl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

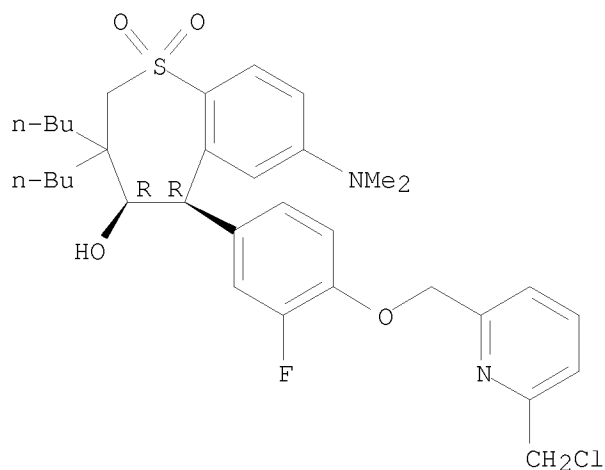


RN 197376-89-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-,

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1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

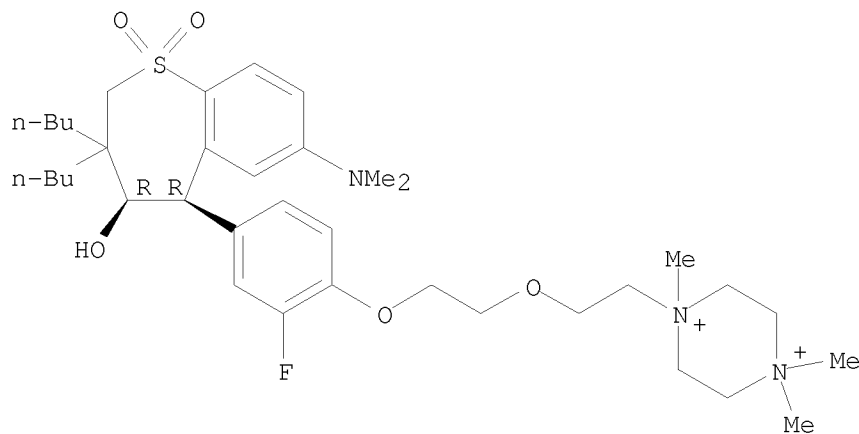
Relative stereochemistry.



RN 197376-90-2 CAPLUS

CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



● 2 I⁻

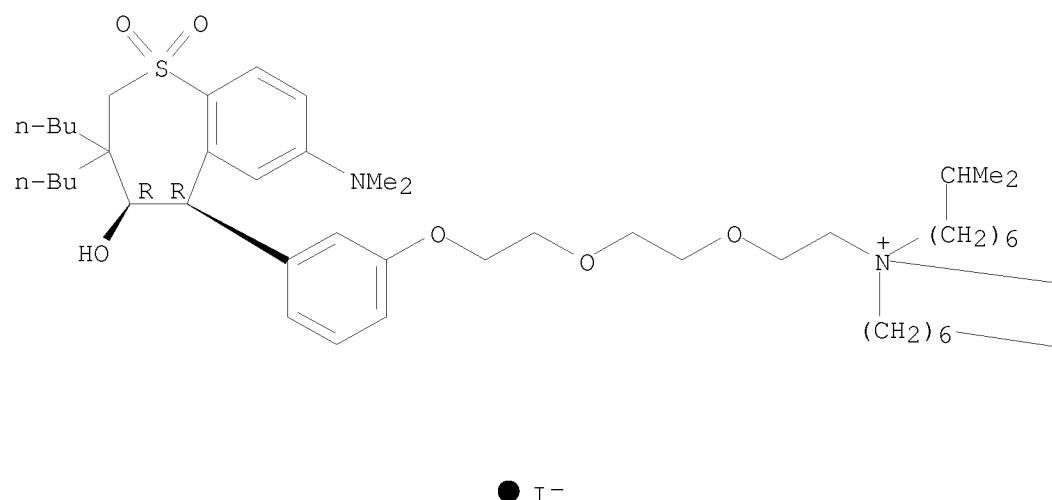
RN 197376-92-4 CAPLUS

CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-7-methyl-N,N-bis(7-methyloctyl)-, iodide (1:1), rel- (CA INDEX NAME)

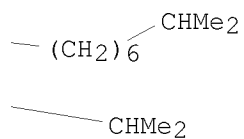
10/590,458

Relative stereochemistry.

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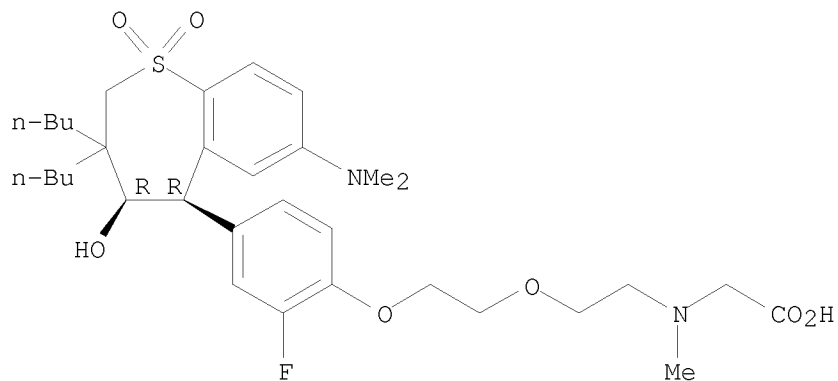
PAGE 1-B



RN 197376-94-6 CAPLUS
CN Glycine, N-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

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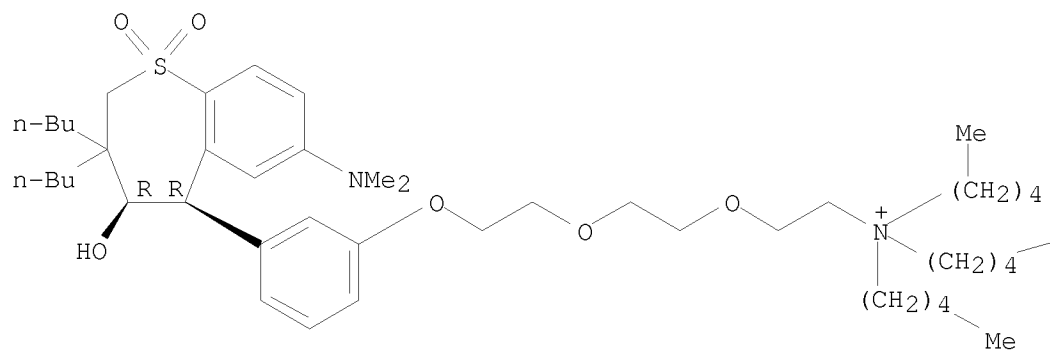


RN 197376-95-7 CAPLUS

CN	1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dipentyl-, iodide (1:1), rel- (CA INDEX NAME)
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Relative stereochemistry.

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● I -

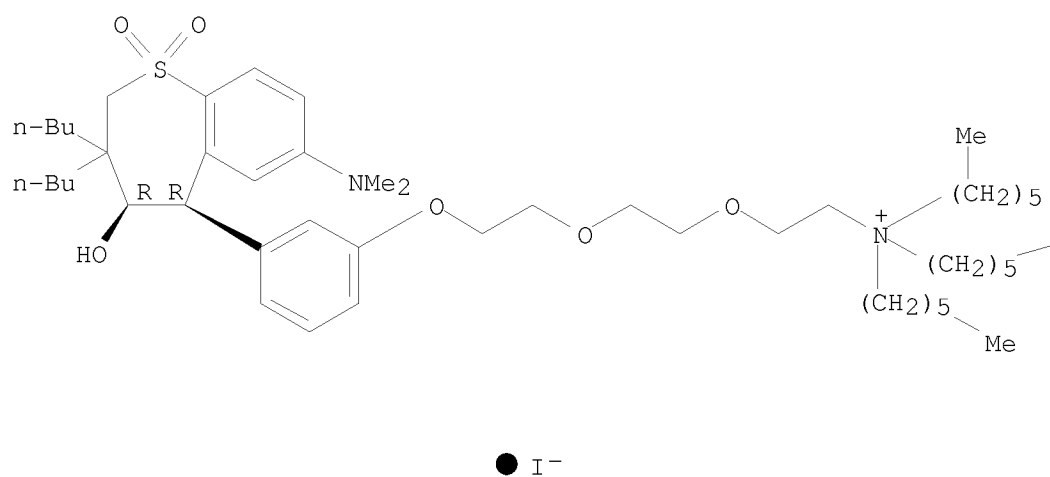
PAGE 1-B

—Me

RN 197376-97-9 CAPLUS
 CN 1-Hexanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dihexyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

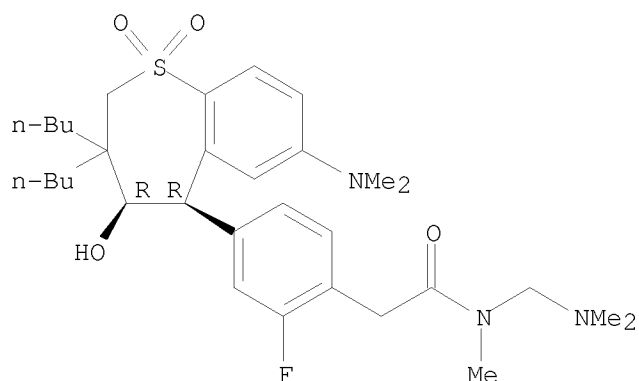
—Me

RN 197376-99-1 CAPLUS

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CN Benzeneacetamide, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[(dimethylamino)methyl]-2-fluoro-N-methyl-, rel- (CA INDEX NAME)

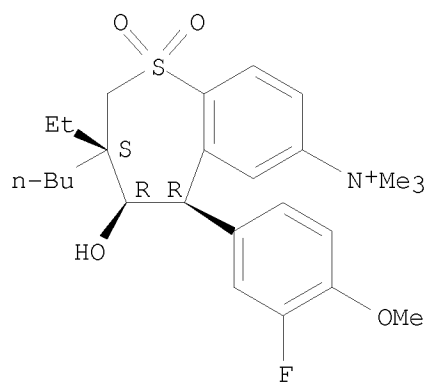
Relative stereochemistry.



RN 197377-02-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

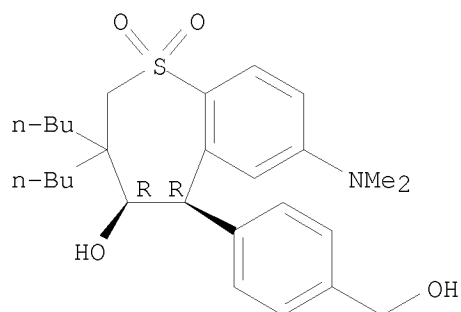


RN 197377-03-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

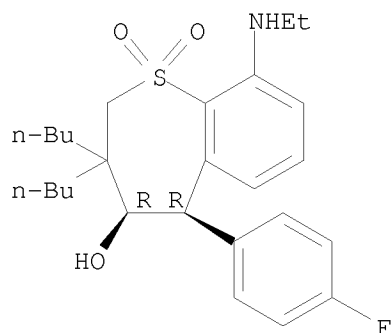
10/590,458



RN 197377-05-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-09-6 CAPLUS

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

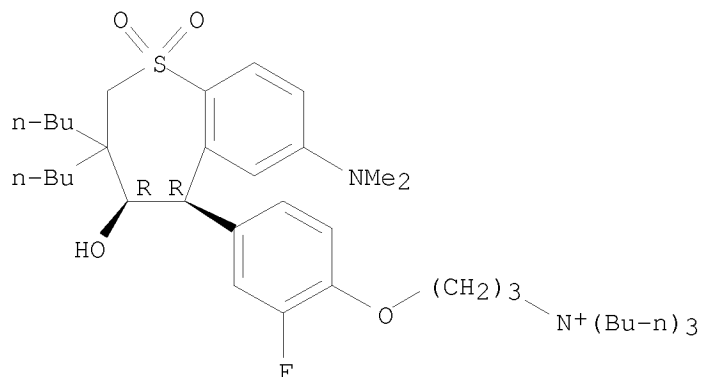
CM 1

CRN 197377-08-5

CMF C41 H68 F N2 O4 S

Relative stereochemistry.

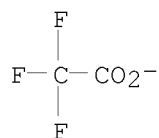
10/590,458



CM 2

CRN 14477-72-6

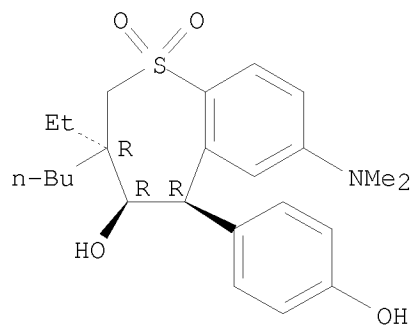
CMF C2 F3 O2



RN 197377-10-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

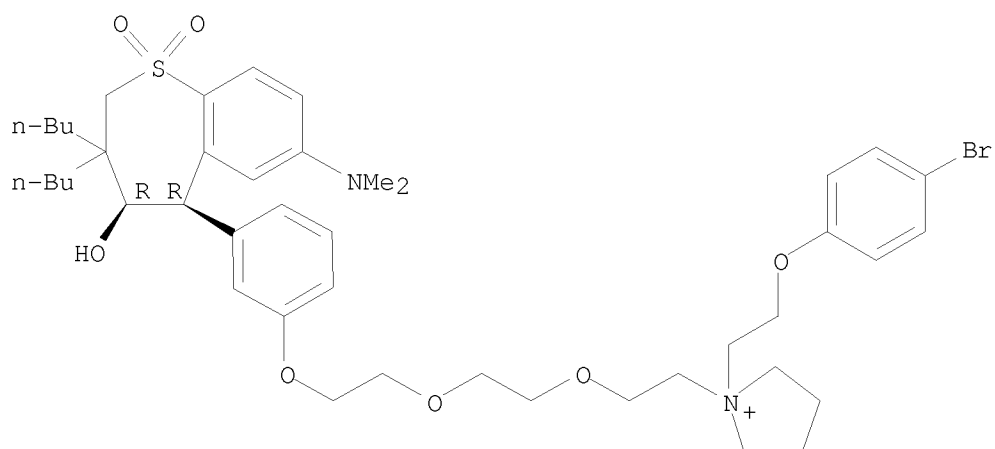


RN 197377-11-0 CAPLUS

CN Pyrrolidinium, 1-[2-(4-bromophenoxy)ethyl]-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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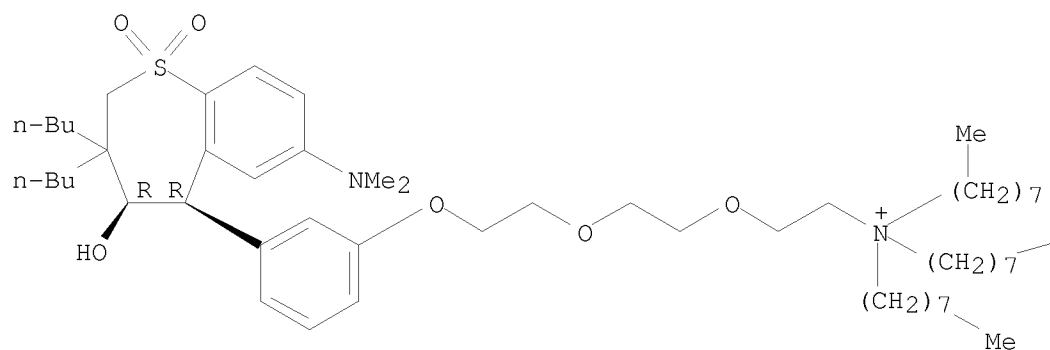


● I⁻

RN 197377-12-1 CAPLUS
 CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dioctyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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● I⁻

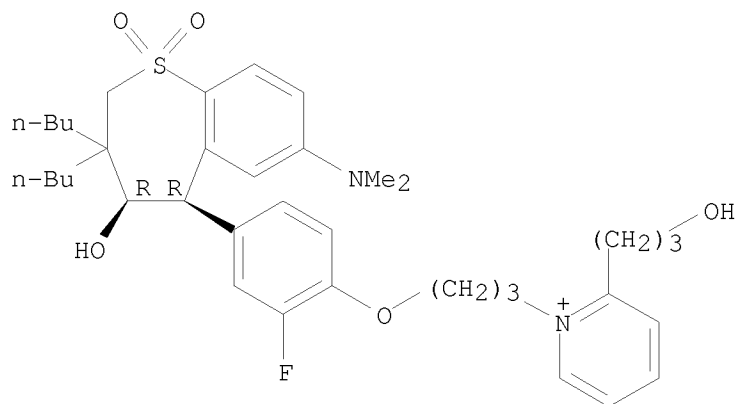
—Me

RN 197377-14-3 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-2-(3-hydroxypropyl)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

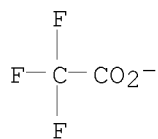
CRN 197377-13-2
 CMF C37 H52 F N2 O5 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2



RN 197377-16-5 CAPLUS

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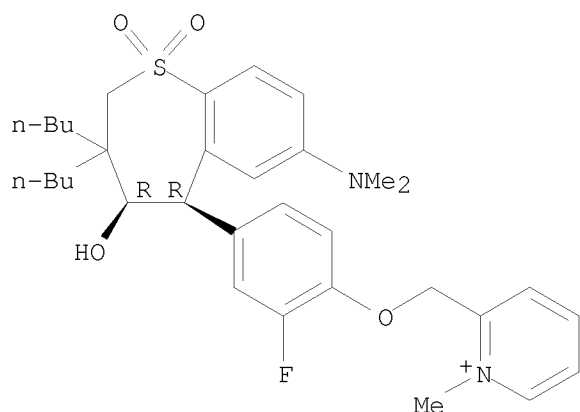
CN Pyridinium, 2-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-15-4

CMF C33 H44 F N2 O4 S

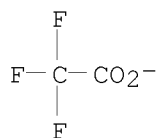
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

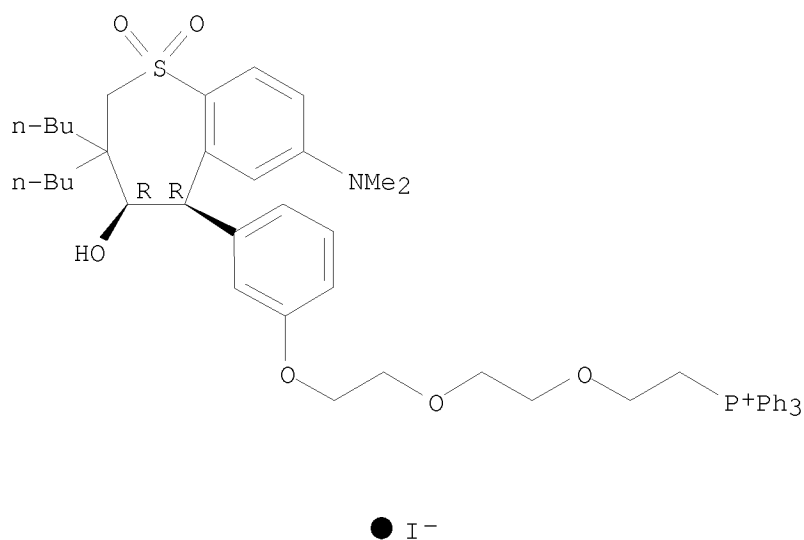


RN 197377-17-6 CAPLUS

CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triphenyl-, iodide (1:1), rel- (CA INDEX NAME)

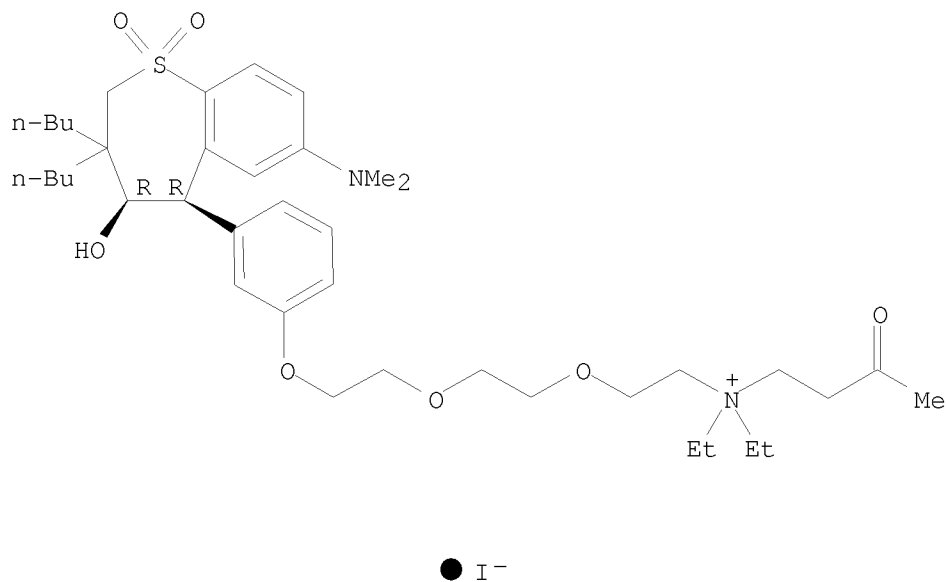
Relative stereochemistry.

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RN 197377-18-7 CAPLUS
CN 1-Butanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-3-oxo-, iodide (1:1), rel- (CA INDEX NAME)

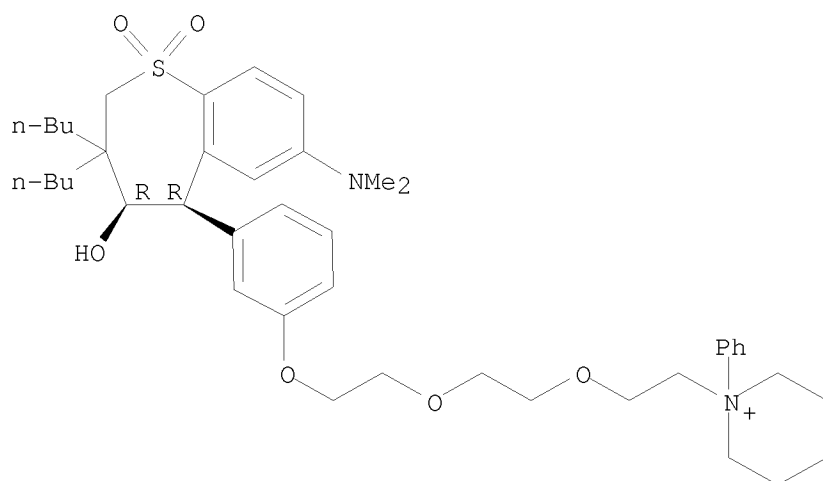
Relative stereochemistry.



RN 197377-19-8 CAPLUS
CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

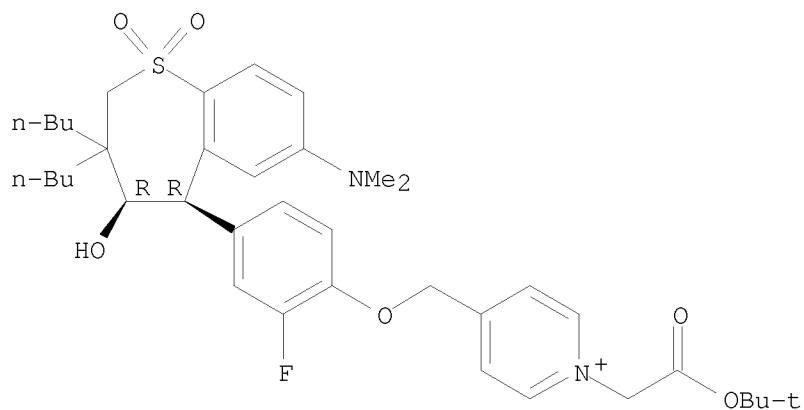
10/590,458

Relative stereochemistry.



RN 197377-20-1 CAPLUS
CN Pyridinium, 4-[[4-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy)methyl]-1-[2-(1,1-dimethylethoxy)-2-oxoethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

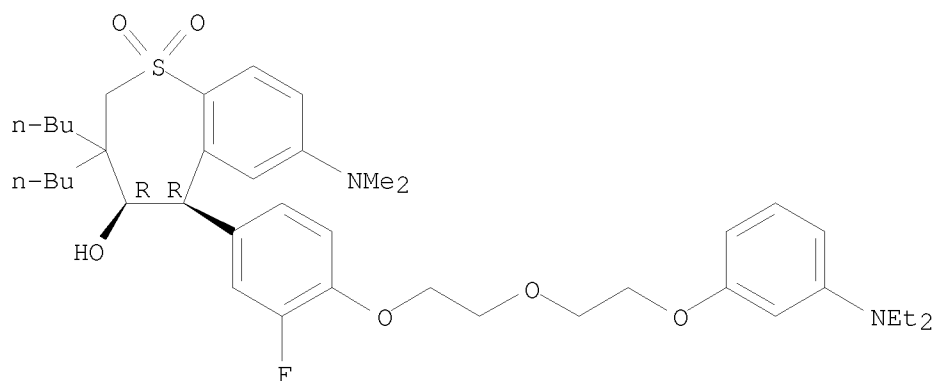


RN 197377-21-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[3-(diethylamino)phenoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

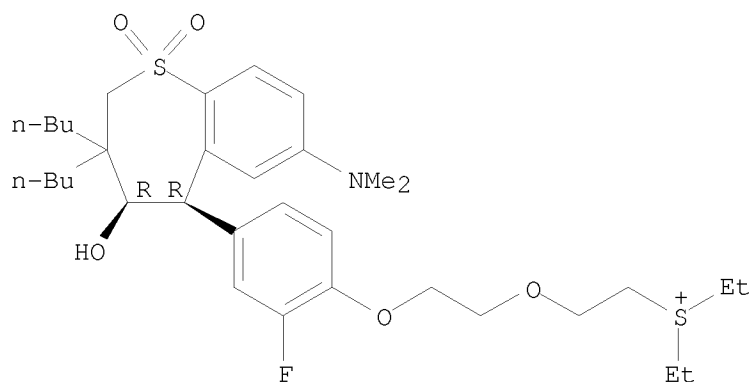
Relative stereochemistry.



RN 197377-23-4 CAPLUS

CN Sulfonium, [2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]diethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



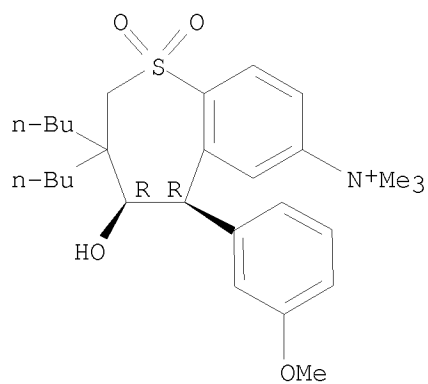
● F⁻

RN 197377-24-5 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

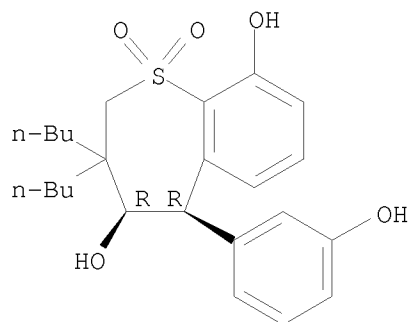
10/590,458



RN 197377-25-6 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

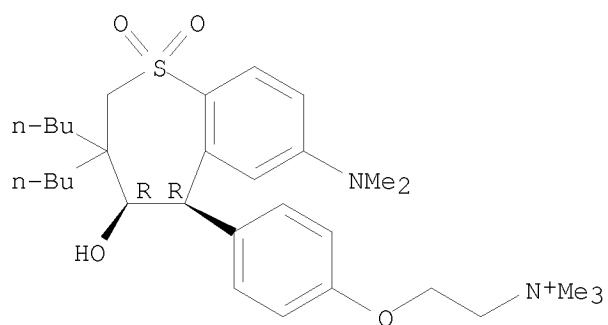


RN 197377-26-7 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

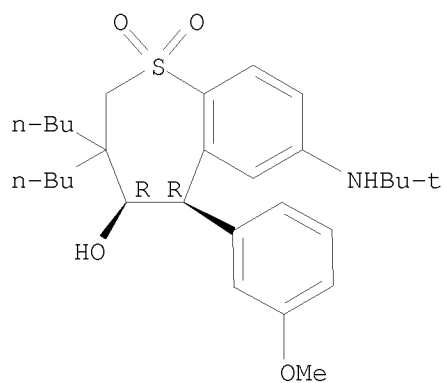
Relative stereochemistry.

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RN 197377-27-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

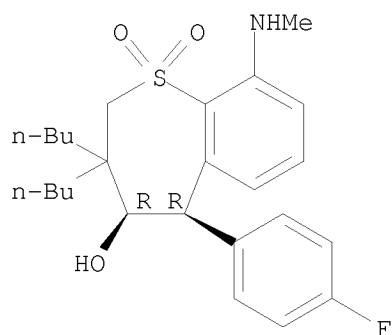
Relative stereochemistry.



RN 197377-28-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

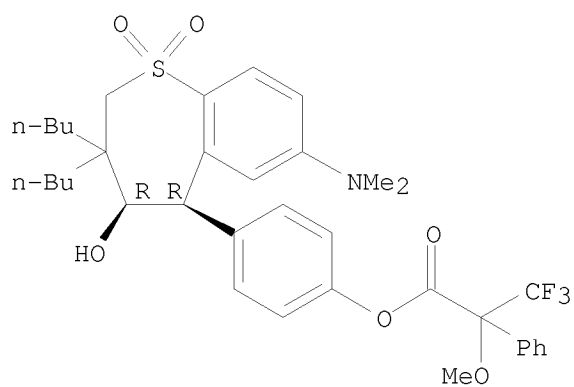
10/590,458



RN 197377-29-0 CAPLUS

CN Benzeneacetic acid, α -methoxy- α -(trifluoromethyl)-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

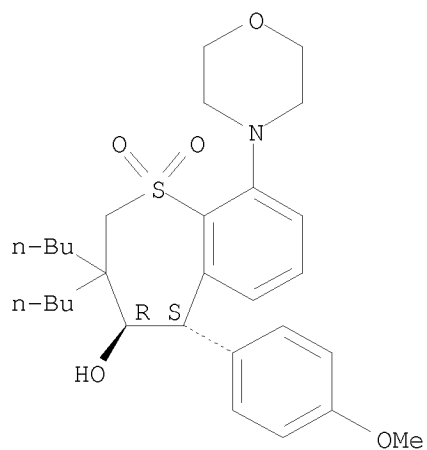


RN 197377-30-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

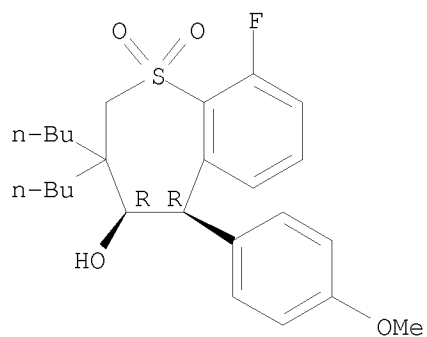
10/590,458



RN 197377-32-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

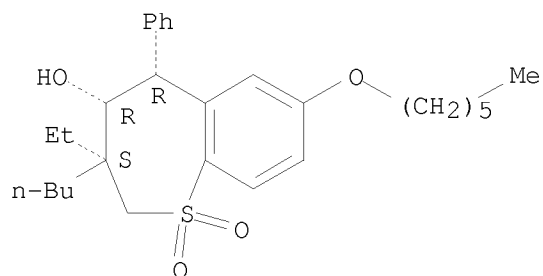
Relative stereochemistry.



RN 197377-33-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

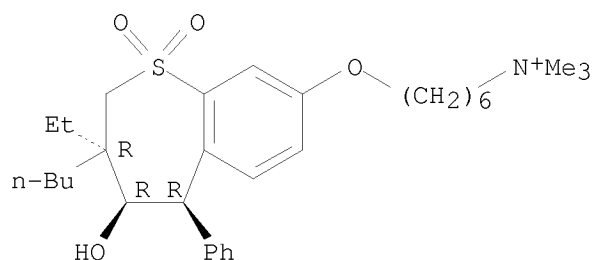


10/590,458

RN 197377-34-7 CAPLUS

CN 1-Hexanaminium, 6-[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

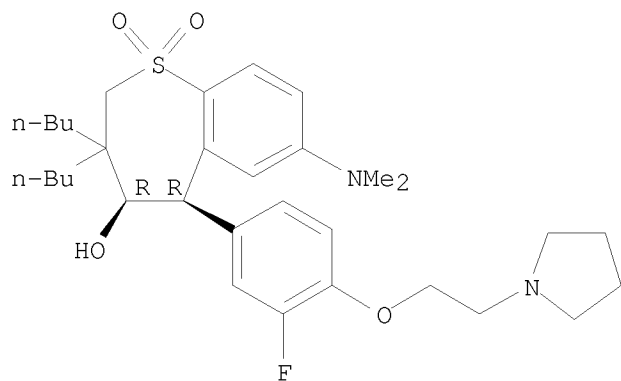
Relative stereochemistry.



RN 197377-35-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-(1-pyrrolidinyl)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

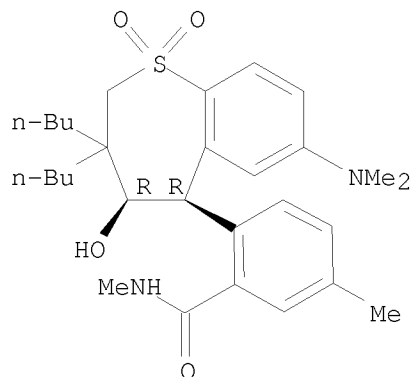


RN 197377-36-9 CAPLUS

CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,5-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

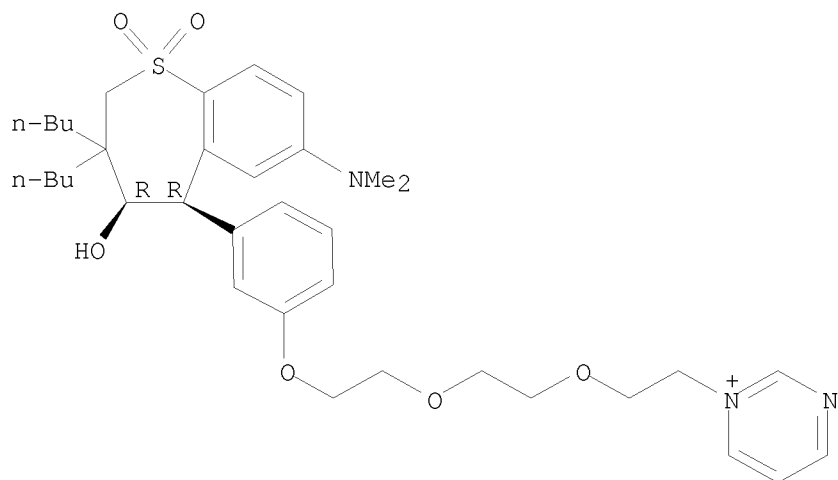
10/590,458



RN 197377-37-0 CAPLUS

CN Pyrimidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



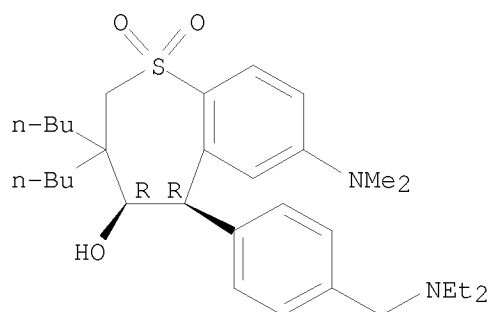
● I⁻

RN 197377-38-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(diethylamino)methyl]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

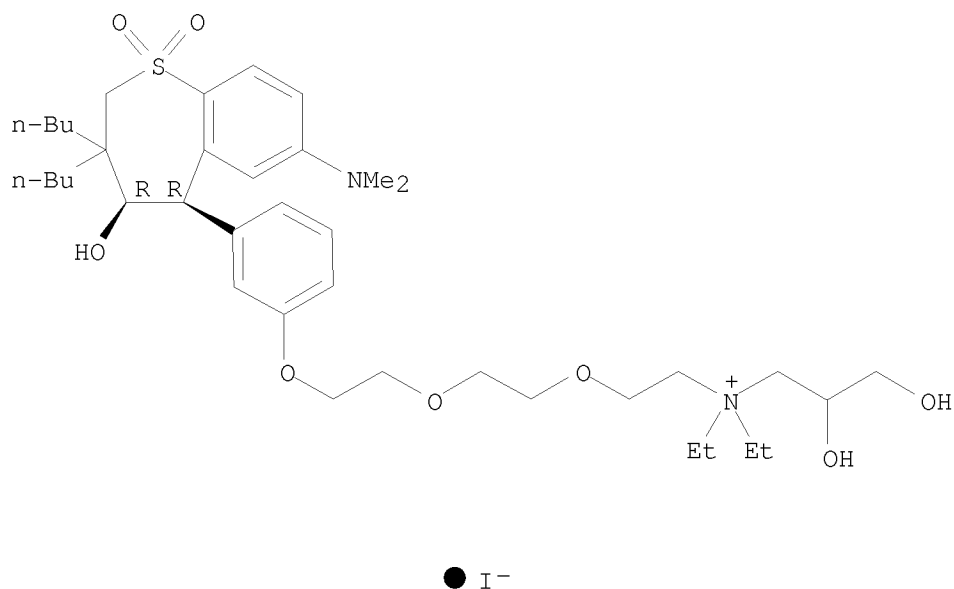
Relative stereochemistry.

10/590,458



RN 197377-39-2 CAPLUS
CN 1-Propanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-diethyl-2,3-dihydroxy-, iodide (1:1), rel- (CA INDEX NAME)

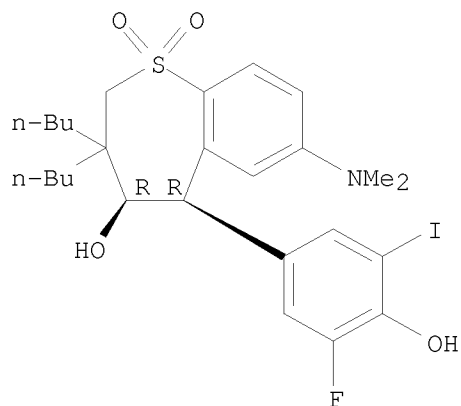
Relative stereochemistry.



RN 197377-40-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxy-5-iodophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

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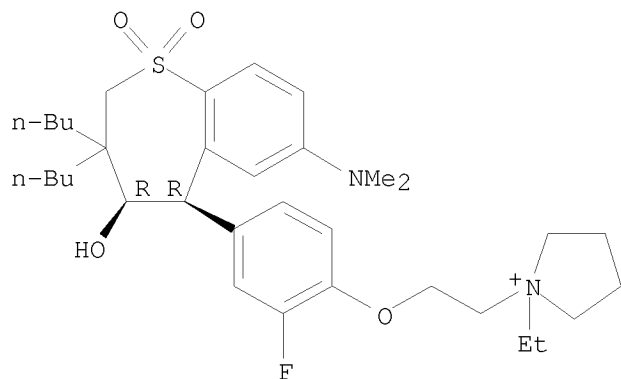


RN 197377-42-7 CAPLUS
CN Pyrrolidinium, 1-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-41-6
CMF C34 H52 F N2 O4 S

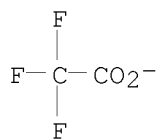
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

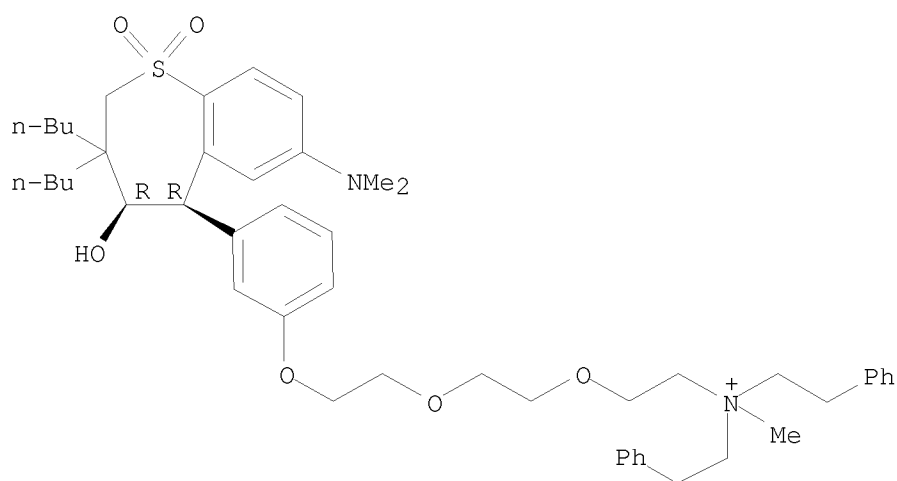
10/590,458



RN 197377-43-8 CAPLUS

CN Benzeneethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-N-(2-phenylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-45-0 CAPLUS

CN 2-Butyn-1-aminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

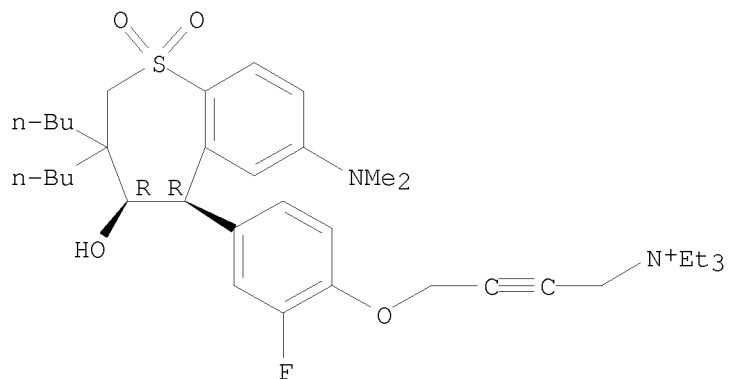
CM 1

CRN 197377-44-9

CMF C36 H54 F N2 O4 S

Relative stereochemistry.

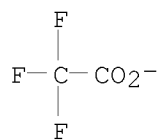
10/590,458



CM 2

CRN 14477-72-6

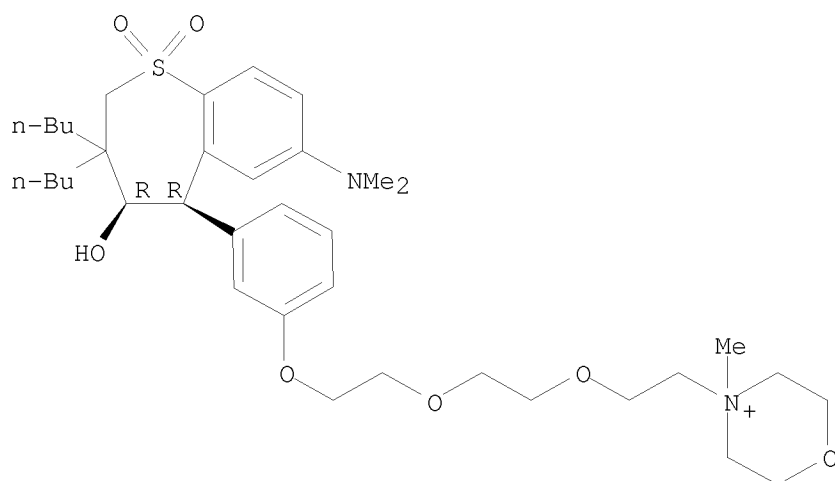
CMF C2 F3 O2



RN 197377-46-1 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

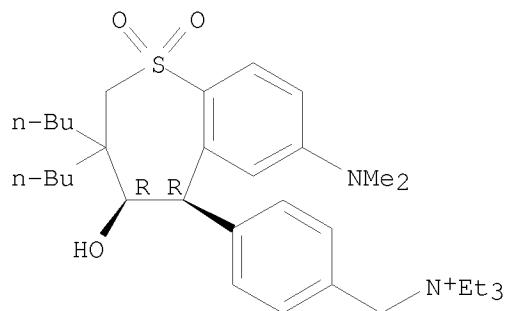


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RN 197377-47-2 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



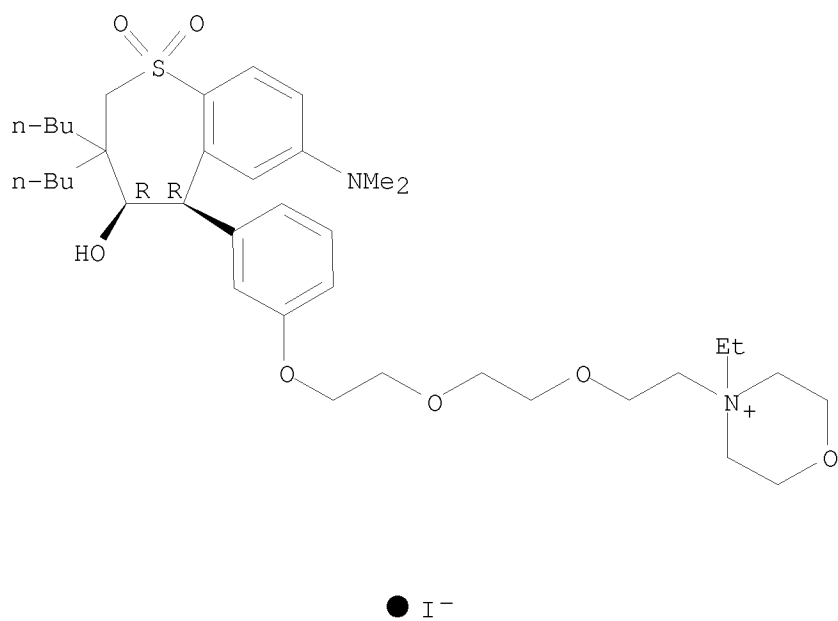
● I —

RN 197377-48-3 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

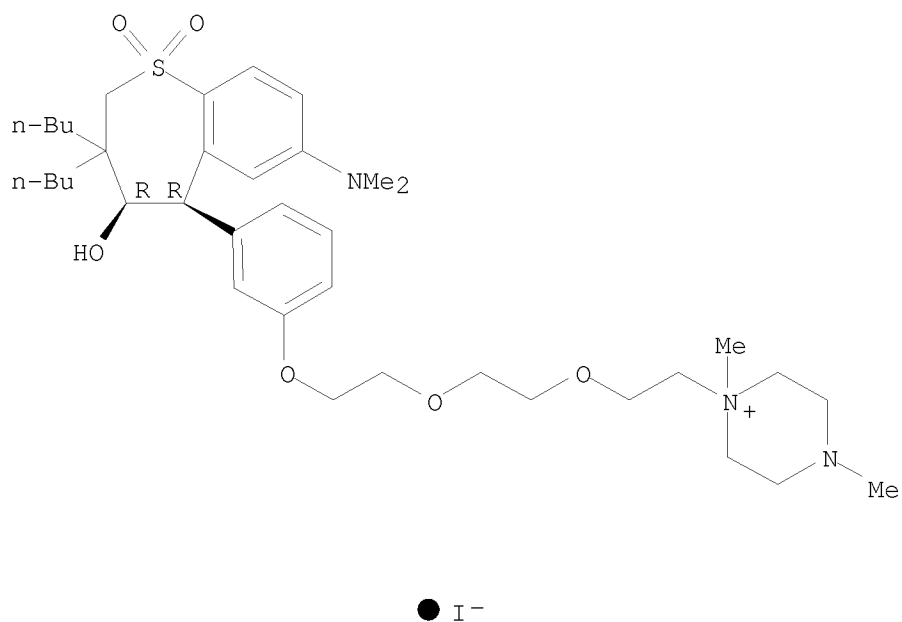
10/590,458



RN 197377-49-4 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN	197377-50-7	CAPLUS
CN	Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)	

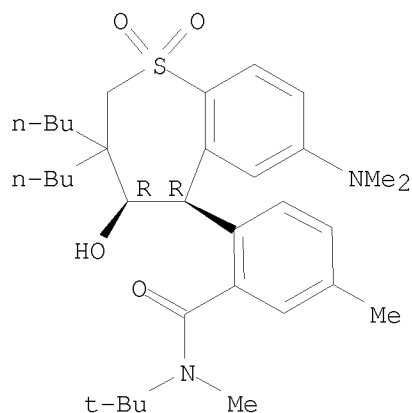
RN	197377-51-8	CAPLUS
CN	Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)	

RN 197377-52-9 CAPLUS
CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-

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hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(1,1-dimethylethyl)-N,5-dimethyl-, rel- (CA INDEX NAME)

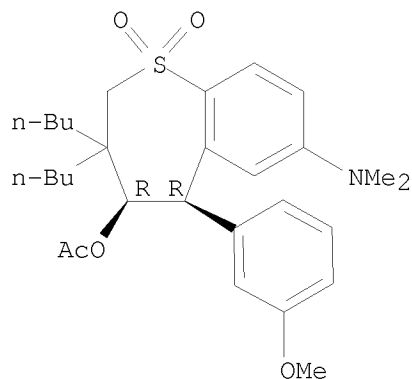
Relative stereochemistry.



RN 197377-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

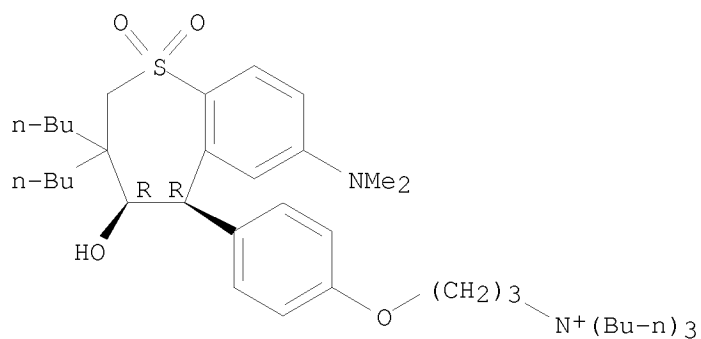


RN 197377-58-5 CAPLUS

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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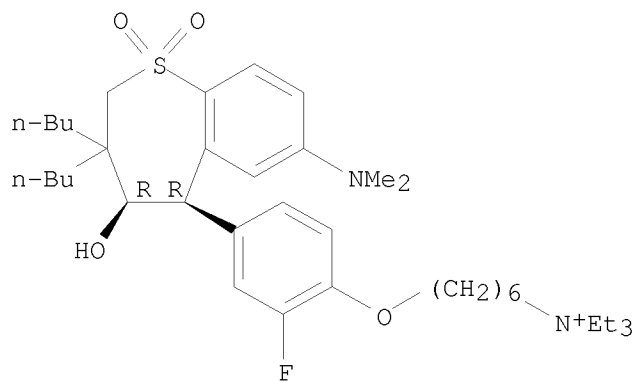


RN 197377-60-9 CAPLUS
CN 1-Hexanaminium, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-59-6
CMF C38 H62 F N2 O4 S

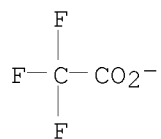
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

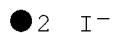
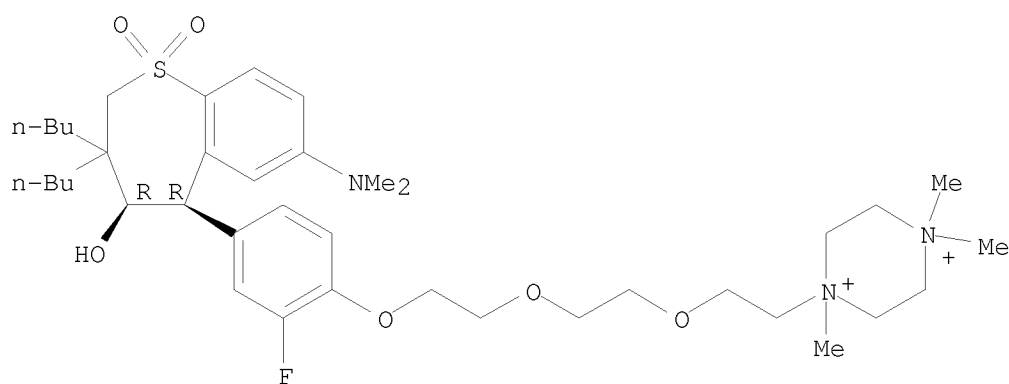
10/590,458



RN 197377-61-0 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

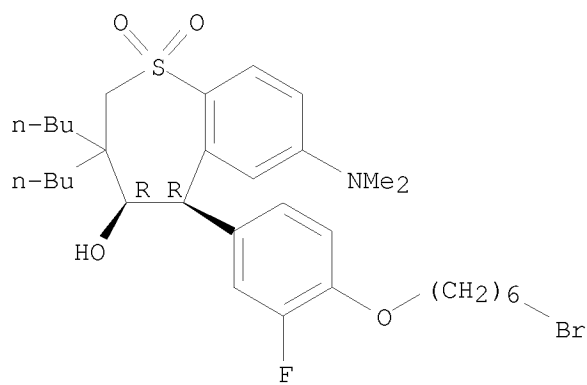
Relative stereochemistry.



RN 197377-63-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(6-bromohexyl)oxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

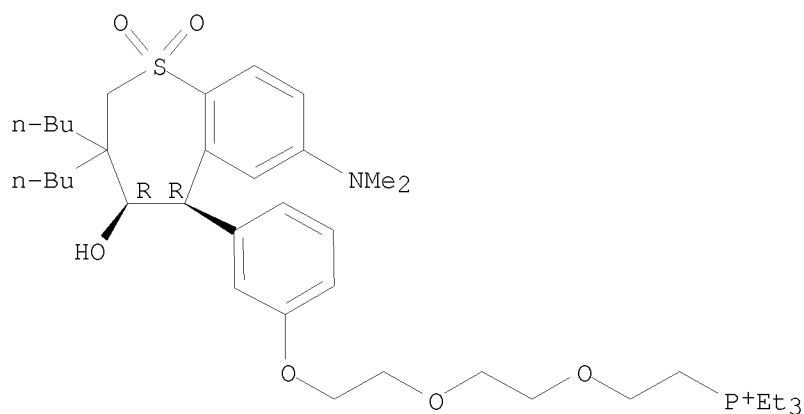


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RN 197377-64-3 CAPLUS

CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

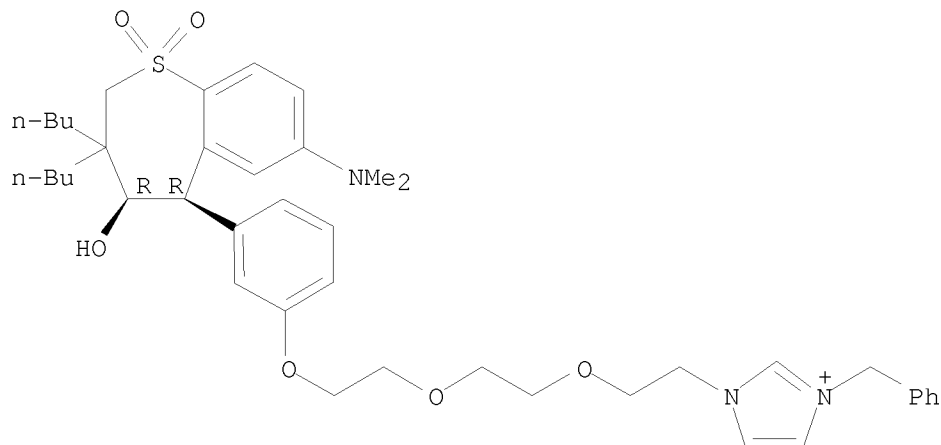


RN 197377-65-4 CAPLUS

CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-(phenylmethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

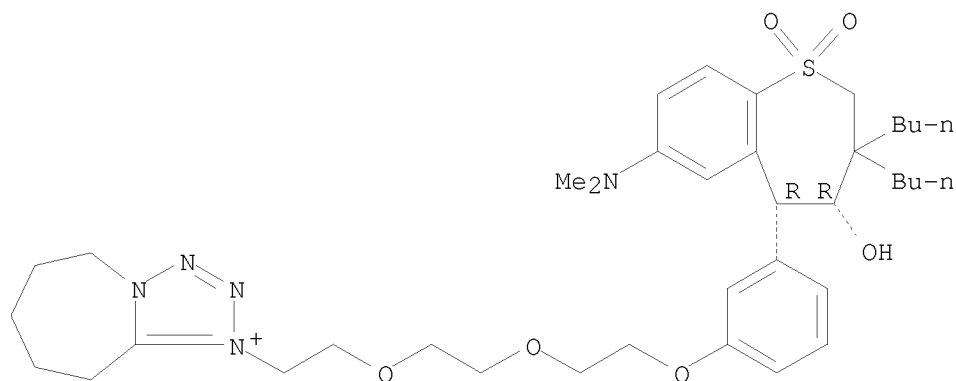
10/590,458



RN 197377-66-5 CAPLUS

CN 5H-Tetrazolo[1,5-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

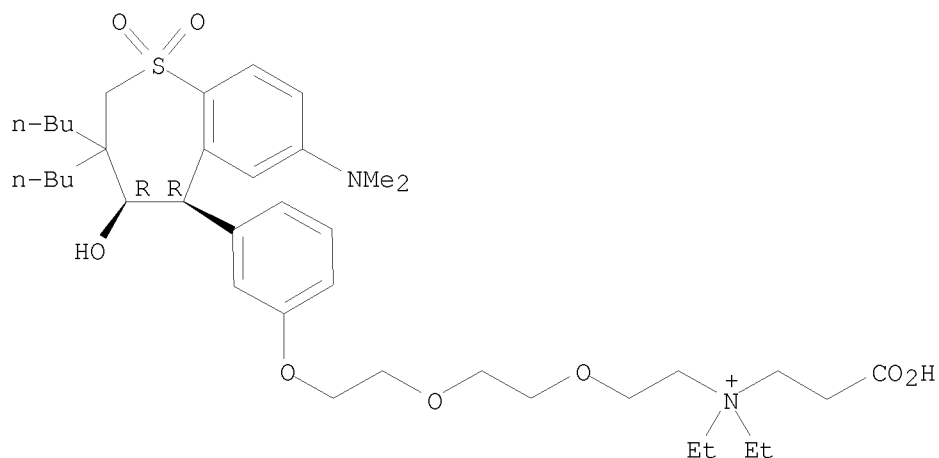


RN 197377-68-7 CAPLUS

CN Ethanaminium, 2-carboxy-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

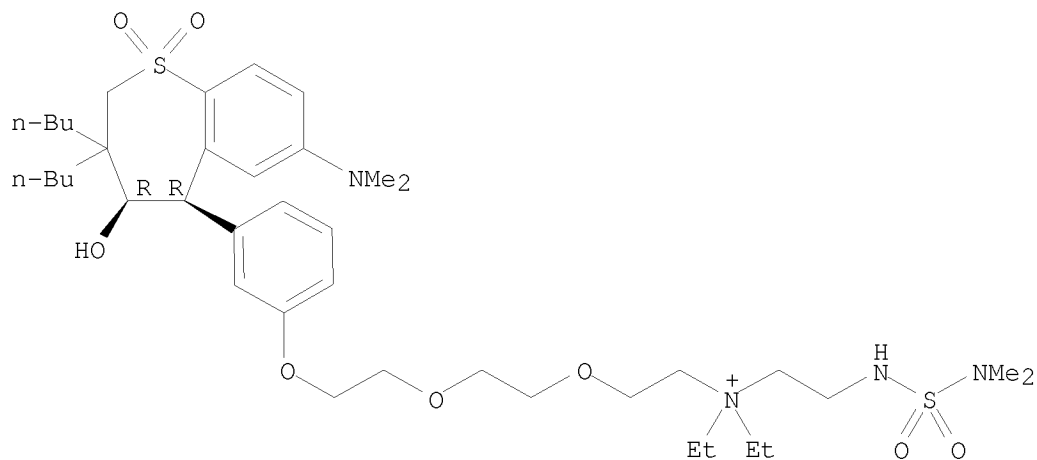
10/590,458

Relative stereochemistry.



RN 197377-69-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[(dimethylamino)sulfonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

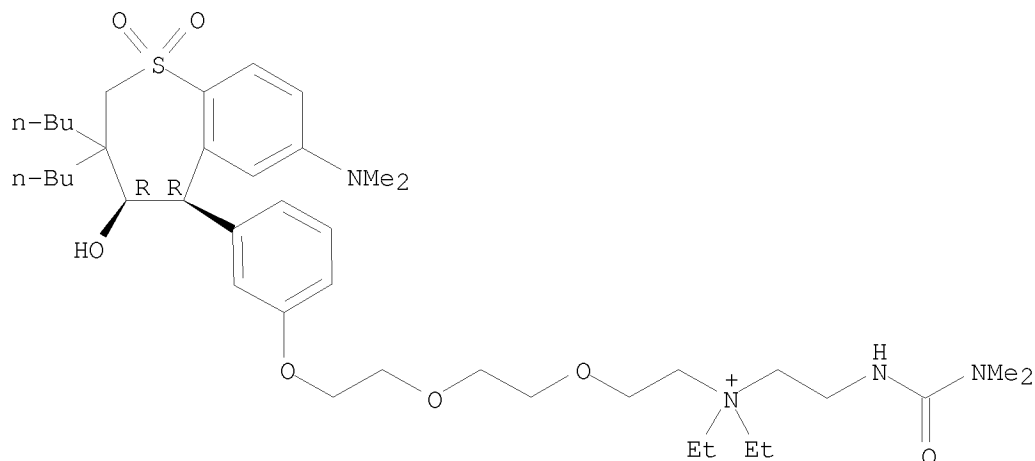


RN 197377-70-1 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]-N-[2-[[(dimethylamino)carbonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

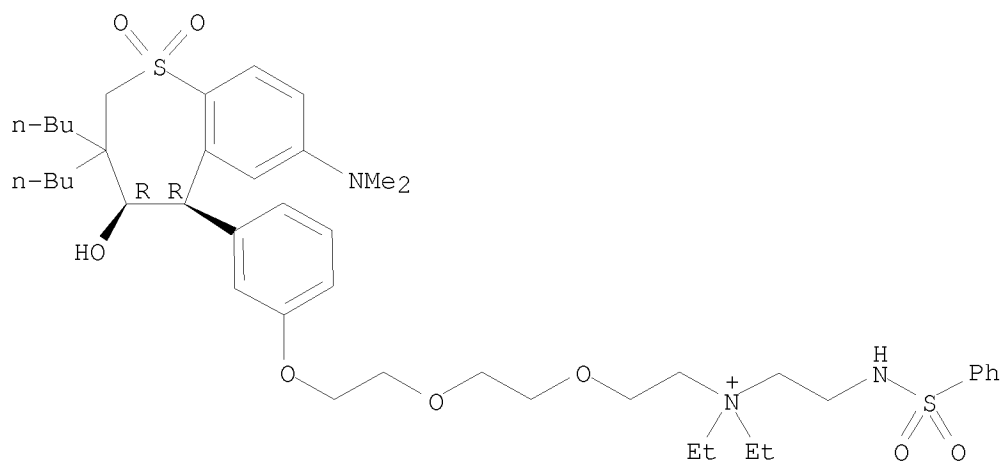
Relative stereochemistry.



RN 197377-71-2 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

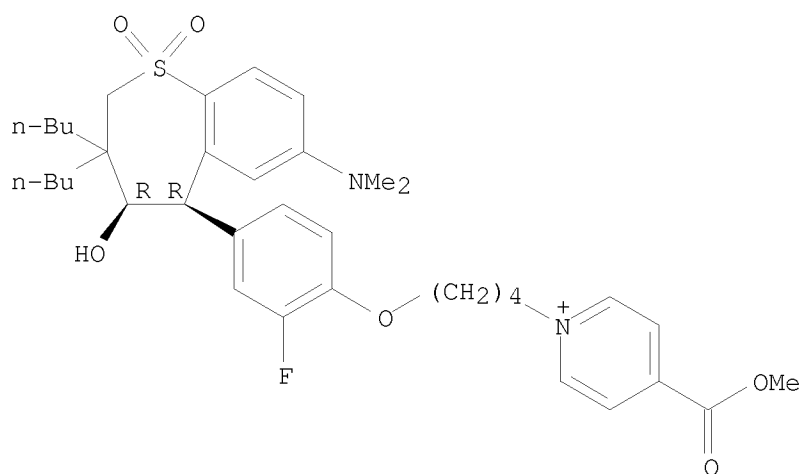


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RN 197377-72-3 CAPLUS

CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butyl]-4-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

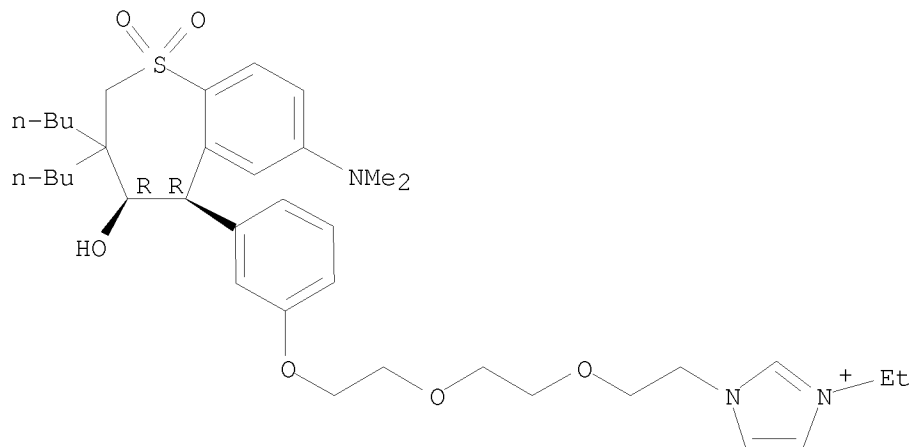


RN 197377-73-4 CAPLUS

CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

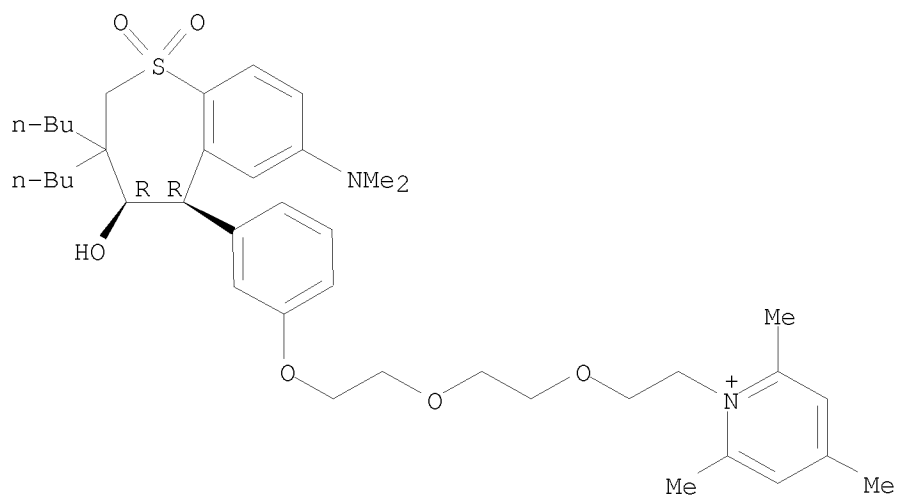
Relative stereochemistry.

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RN 197377-74-5 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,4,6-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

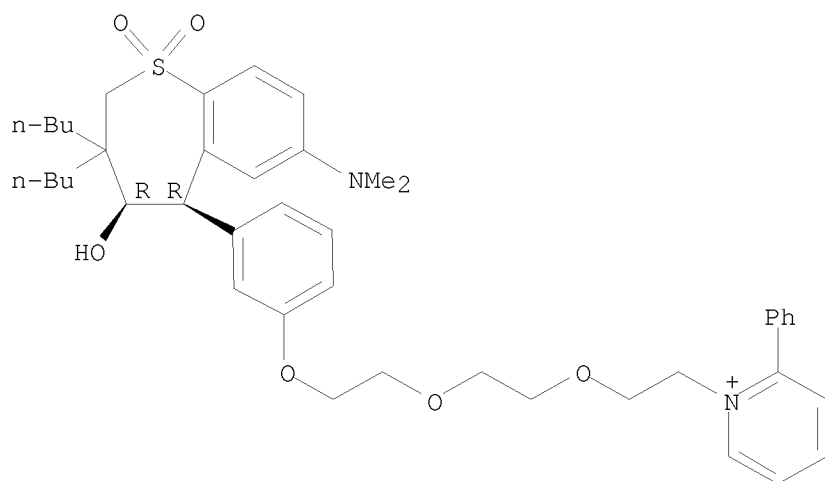


RN 197377-75-6 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

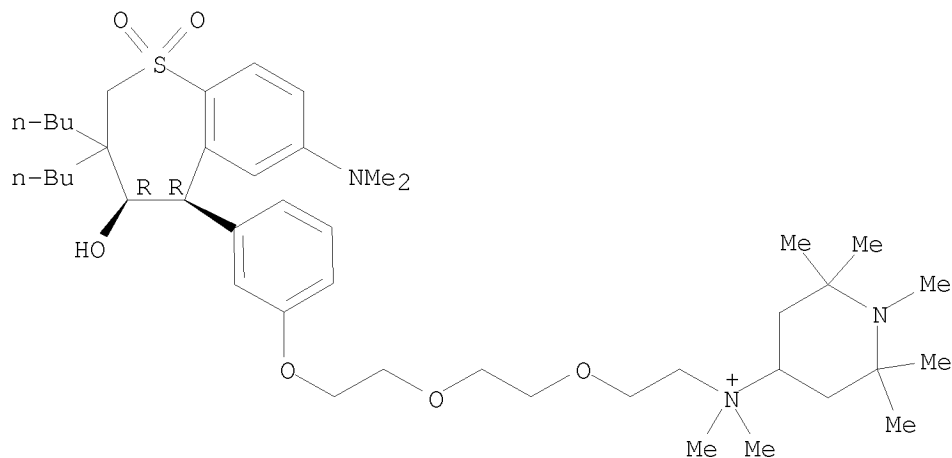


RN 197377-76-7 CAPLUS

CN 4-Piperidinaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,1,2,2,6,6-heptamethyl-, iodide (1:1), rel- (CA INDEX NAME)

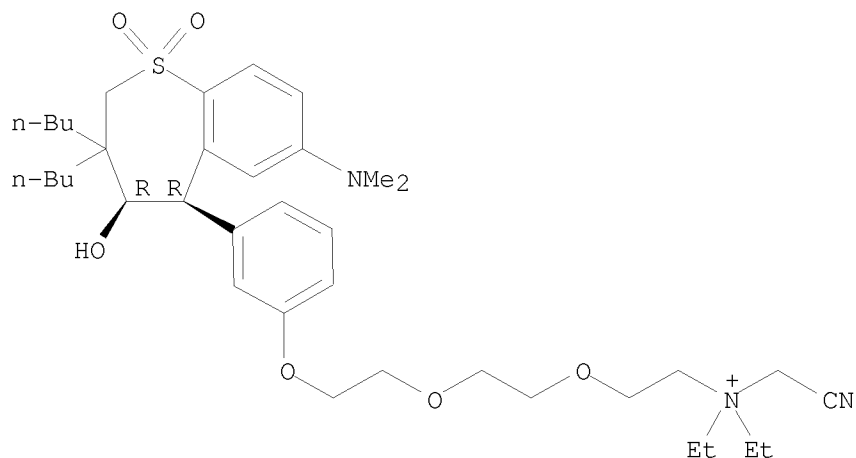
Relative stereochemistry.

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RN 197377-77-8 CAPLUS
 CN Ethanaminium, N-(cyanomethyl)-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

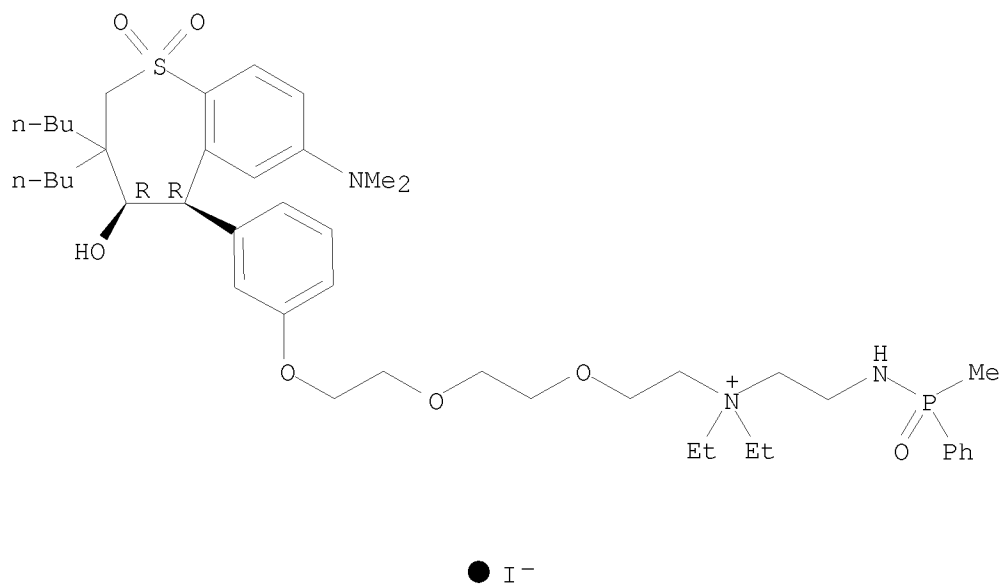


RN 197377-78-9 CAPLUS
 CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-

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[(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

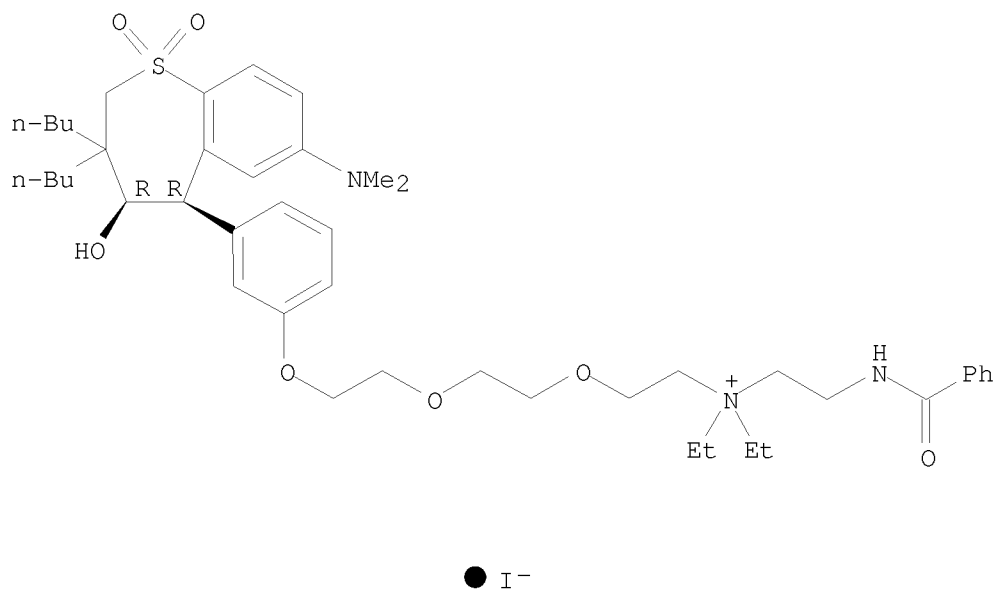
Relative stereochemistry.



RN 197377-79-0 CAPLUS

CN Ethanaminium, 2-(benzoylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

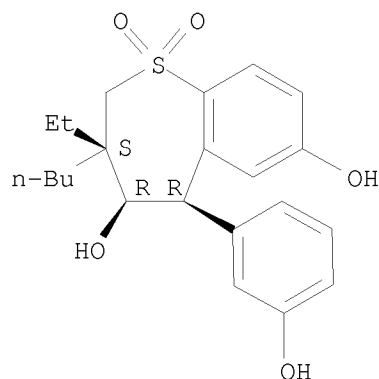


10/590,458

RN 197377-82-5 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

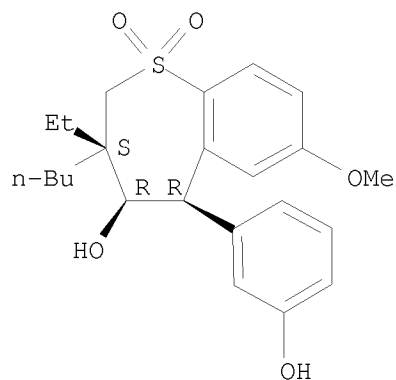
Relative stereochemistry.



RN 197377-83-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

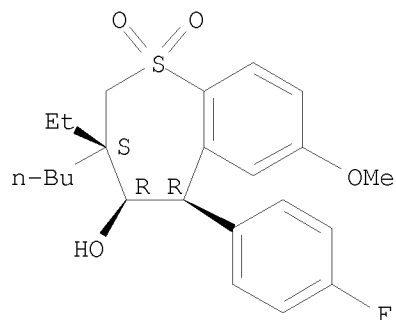


RN 197377-84-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

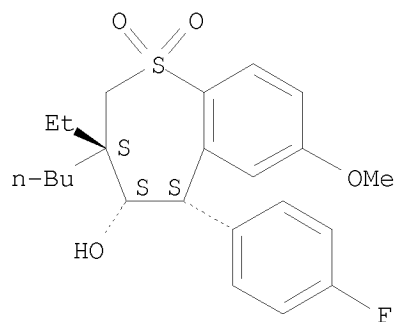
10/590,458



RN 197377-85-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

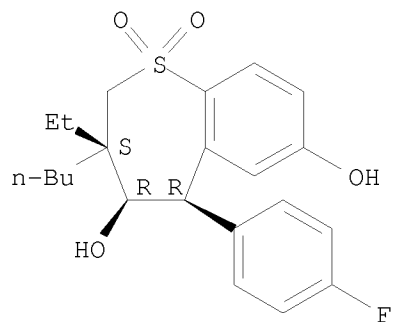
Relative stereochemistry.



RN 197377-86-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

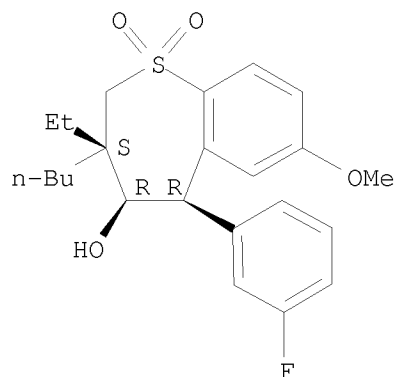


RN 197377-90-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

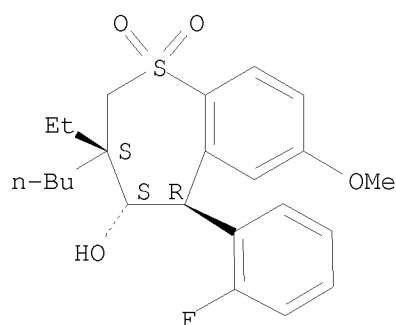
10/590,458



RN 197377-91-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

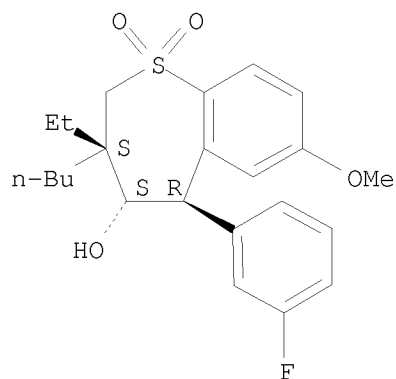
Relative stereochemistry.



RN 197377-93-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

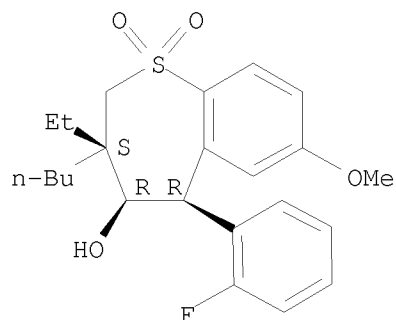


RN 197377-94-9 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

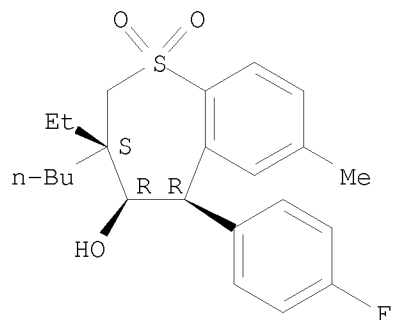
Relative stereochemistry.



RN 197377-96-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

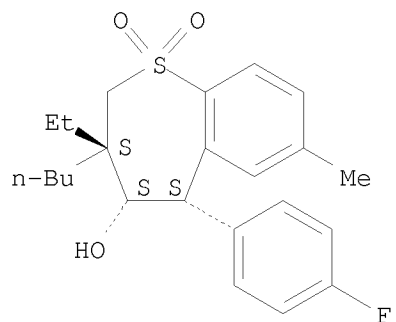
Relative stereochemistry.



RN 197377-98-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197384-36-4 CAPLUS

10/590,458

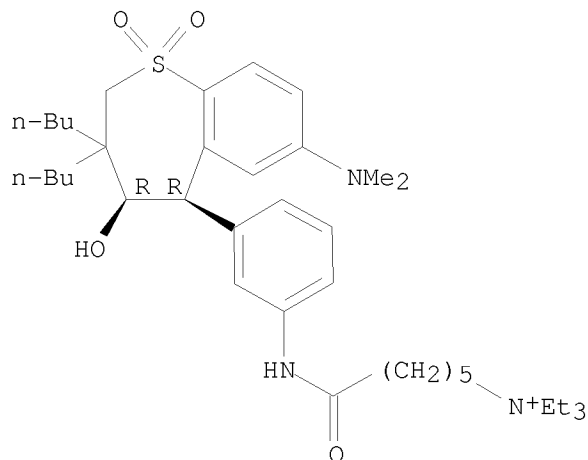
CN 1-Hexanaminium, 6-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-6-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197384-35-3

CMF C38 H62 N3 O4 S

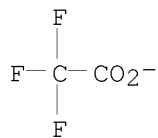
Relative stereochemistry.



CM 2

CRN 14477-72-6

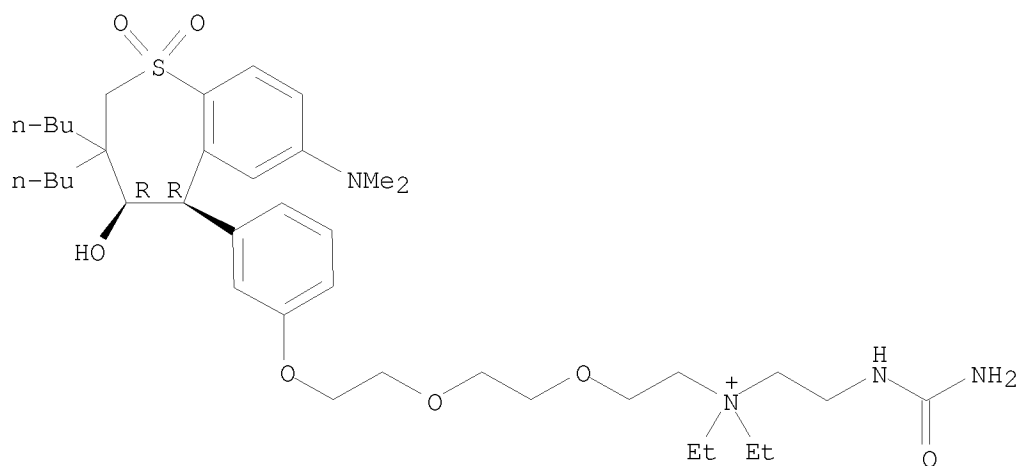
CMF C2 F3 O2



RN 197384-39-7 CAPLUS

CN Ethanaminium, 2-[(aminocarbonyl)amino]-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

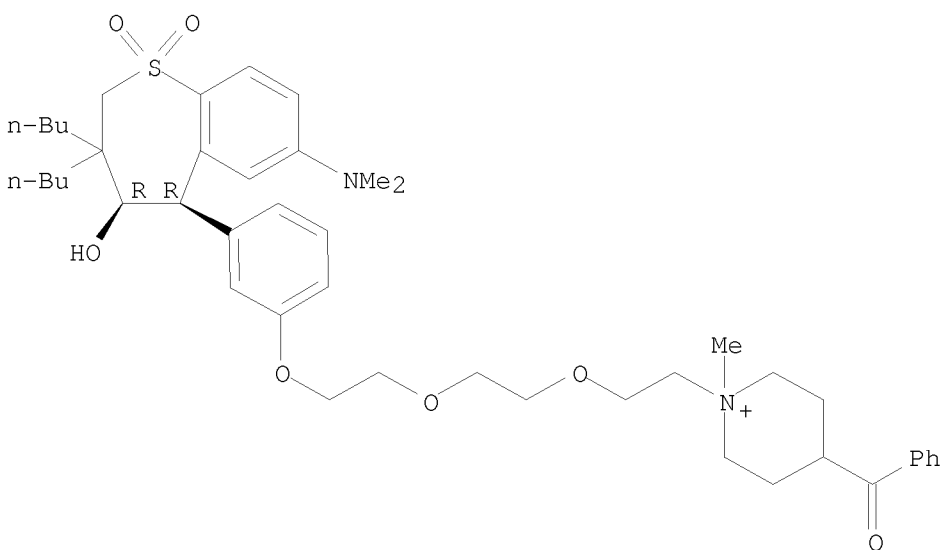


RN 197390-49-1 CAPLUS

CN Piperidinium, 4-benzoyl-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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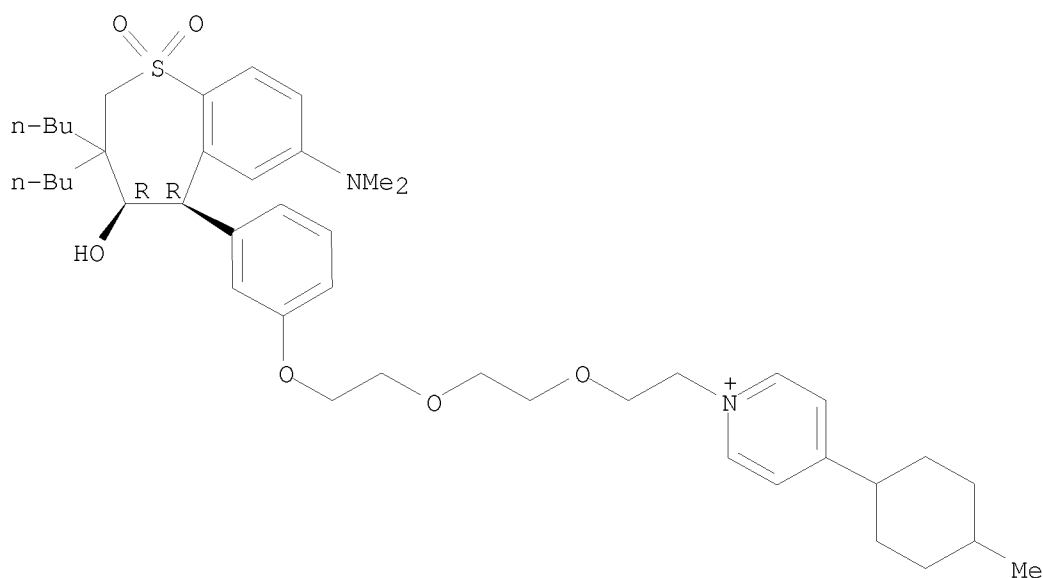
PAGE 2-A



RN 197390-68-4 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(4-methylcyclohexyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

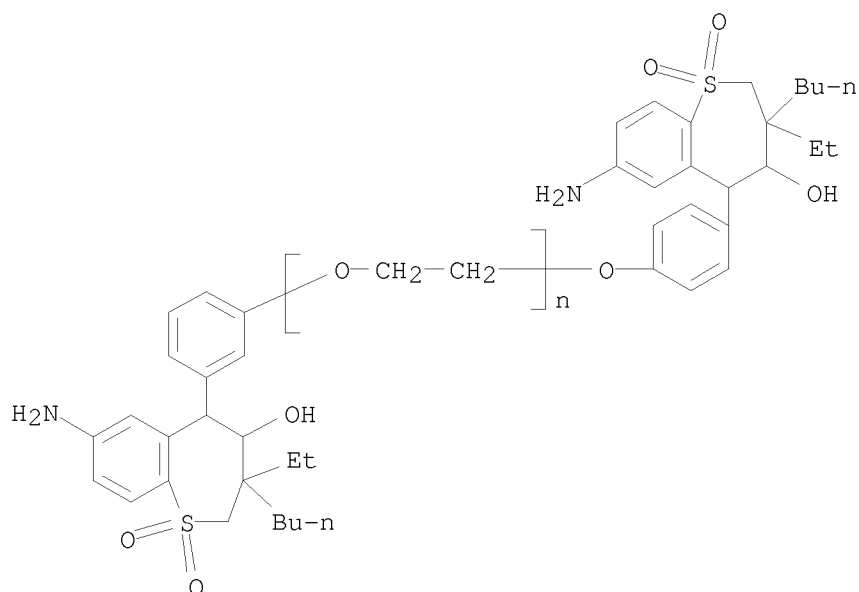
PAGE 1-A



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RN 213312-53-9 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -[3-[rel-(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -[4-[rel-(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (9CI) (CA INDEX NAME)

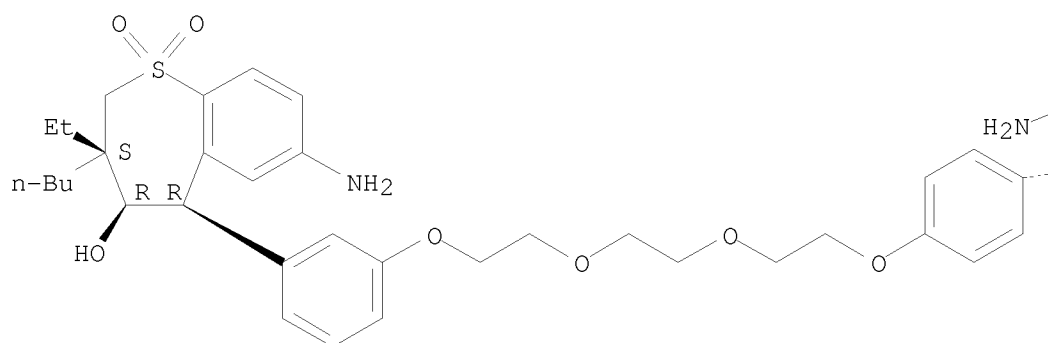


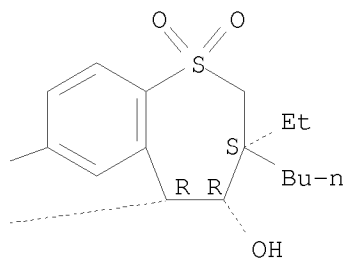
RN 213312-55-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-5-[4-[2-[2-[2-[3-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethoxy]phenyl]-3-butyl-3-ethyl-2,3,4,5-tetrahydro-1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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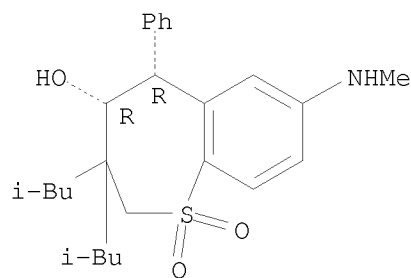




RN 213312-63-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylamino)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

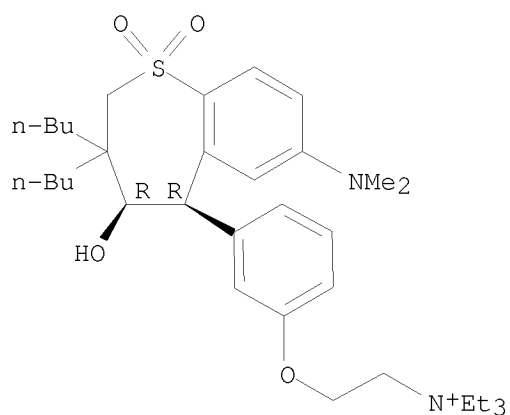


RN 213312-67-5 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

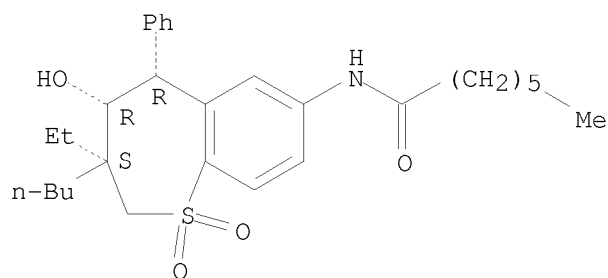
Relative stereochemistry.

10/590,458



RN 213312-77-7 CAPLUS
CN Heptanamide, N-[(3R, 4S, 5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

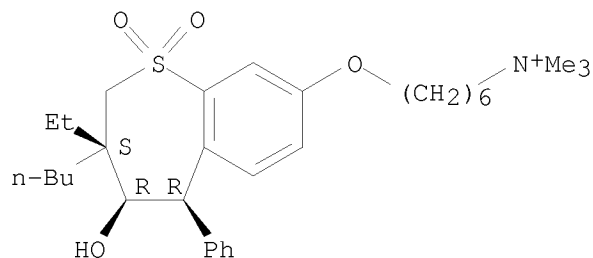
Relative stereochemistry.



RN 213312-80-2 CAPLUS
CN 1-Hexanaminium, 6-[[[(3R, 4S, 5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

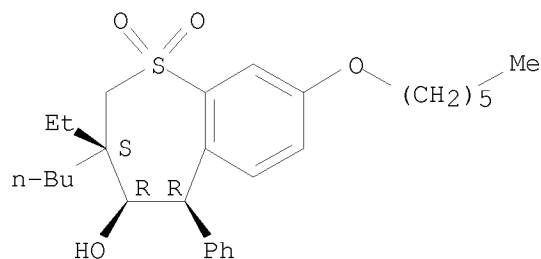
Relative stereochemistry.

10/590,458



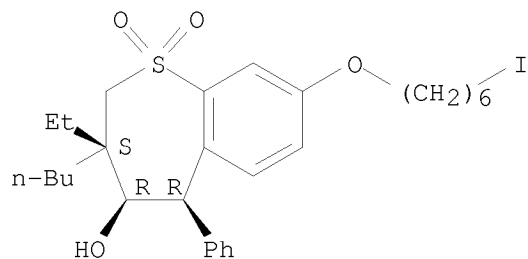
RN 213312-81-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-8-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213312-82-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[(6-iodohexyl)oxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

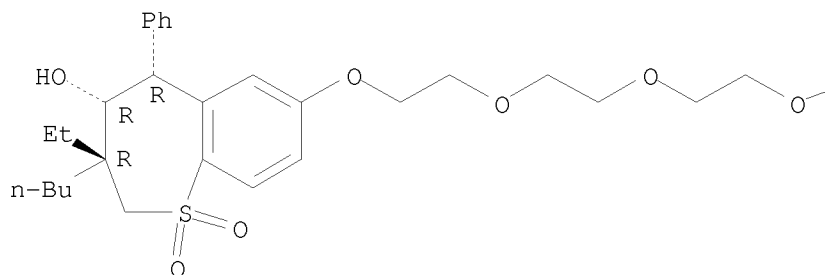
Relative stereochemistry.



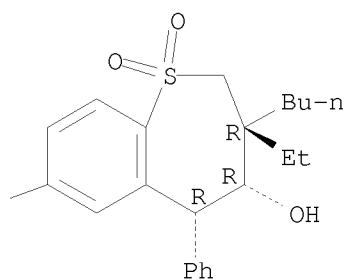
RN 213312-83-5 CAPLUS
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'R,4R,4'R,5R,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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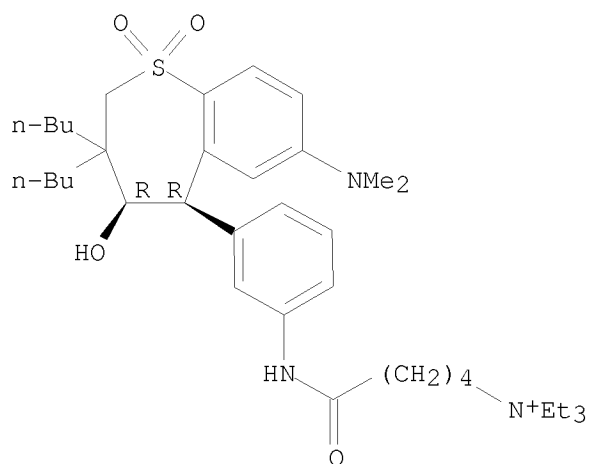


RN 213312-84-6 CAPLUS

CN 1-Pentanaminium, 5-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

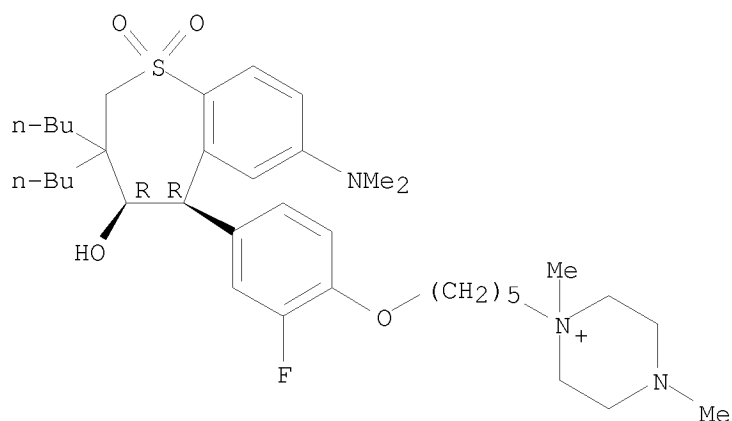


RN 213312-86-8 CAPLUS
CN Piperazinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]pentyl]-1,4-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

CRN 213312-85-7
CMF C37 H59 F N3 O4 S

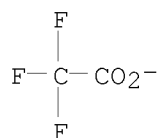
Relative stereochemistry.



CM 2

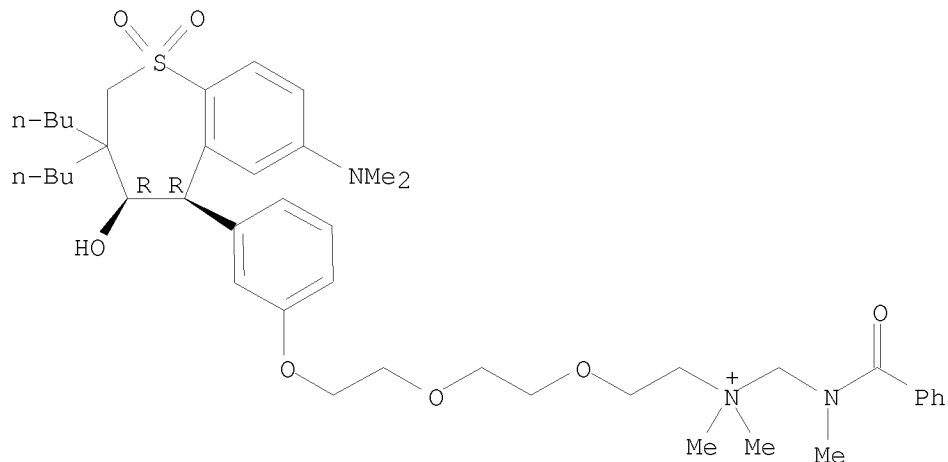
10/590,458

CRN 14477-72-6
CMF C2 F3 O2



RN 213312-87-9 CAPLUS
CN Ethanaminium, N-[(benzoylmethylamino)methyl]-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



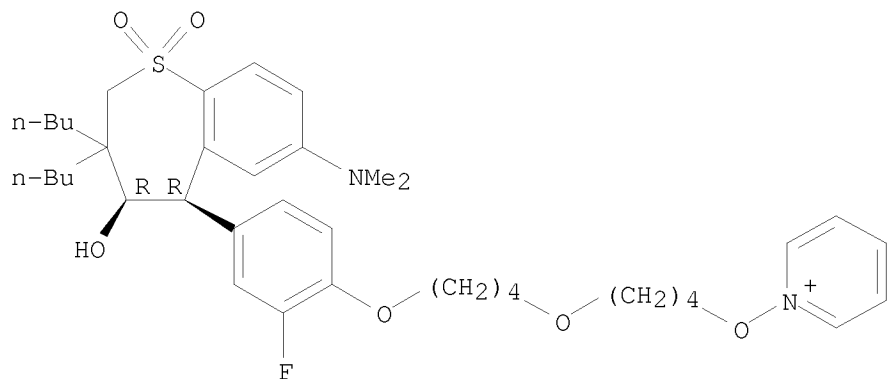
RN 213312-89-1 CAPLUS
CN Pyridinium, 1-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butoxy]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 213312-88-0
CMF C39 H56 F N2 O6 S

Relative stereochemistry.

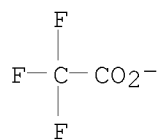
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2

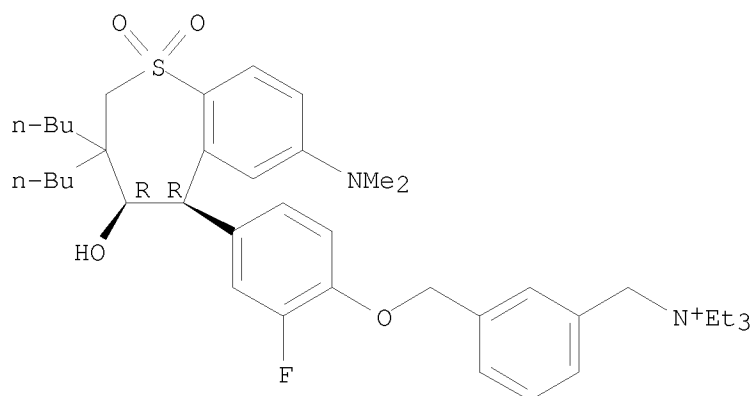


RN 213312-90-4 CAPLUS

CN Ethanaminium, N-[[3-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]phenyl]methyl]-N,N-diethyl-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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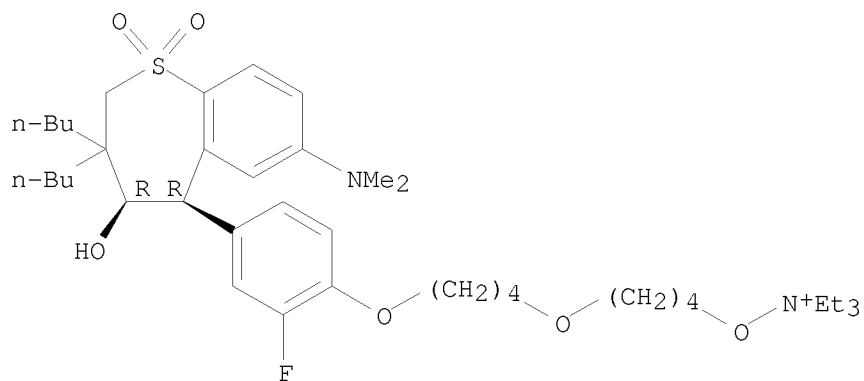


RN 213312-92-6 CAPLUS
CN Ethanaminium, N-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butoxy]-N,N-diethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 213312-91-5
CMF C40 H66 F N2 O6 S

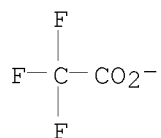
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

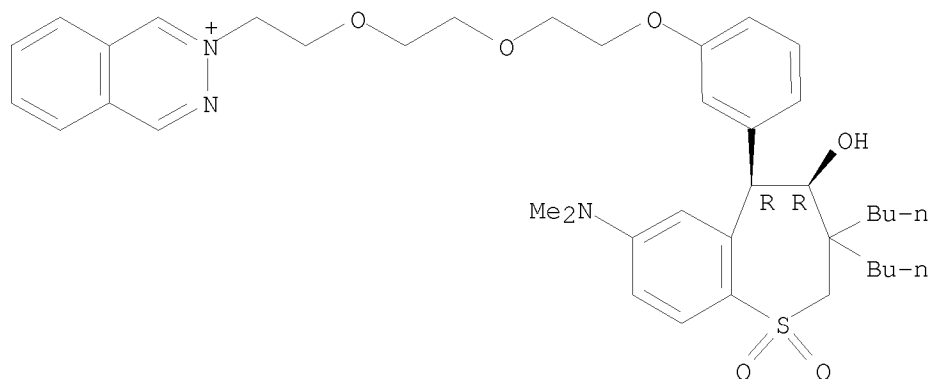
10/590,458



RN 213312-93-7 CAPLUS

CN Phthalazinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

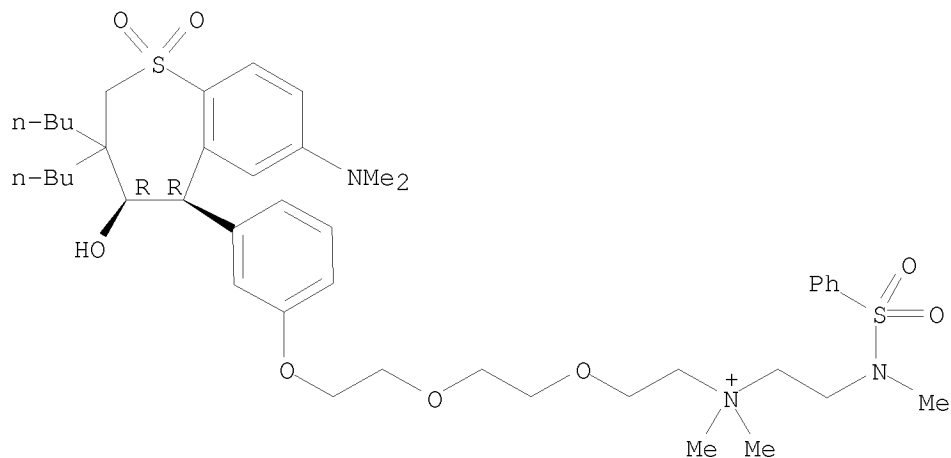
Relative stereochemistry.



RN 213312-94-8 CAPLUS

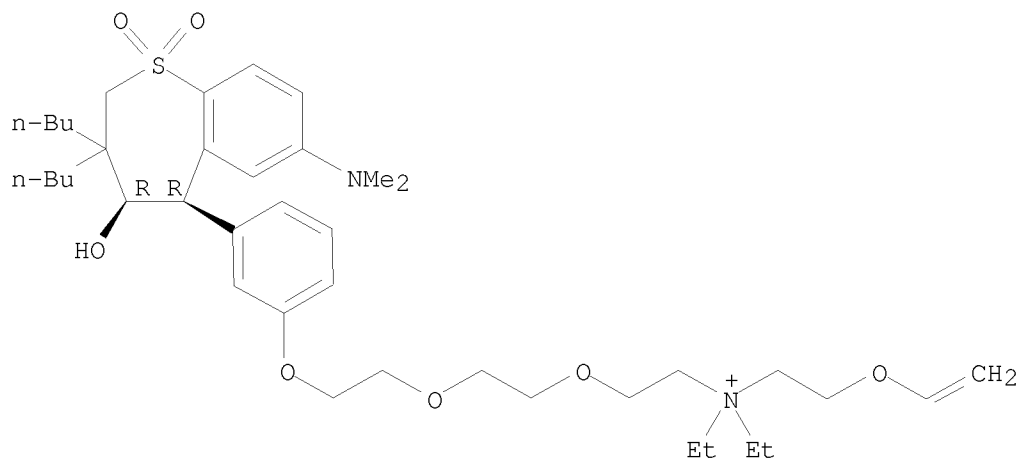
CN Ethanaminium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213312-95-9 CAPLUS
 CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(ethenyloxy)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

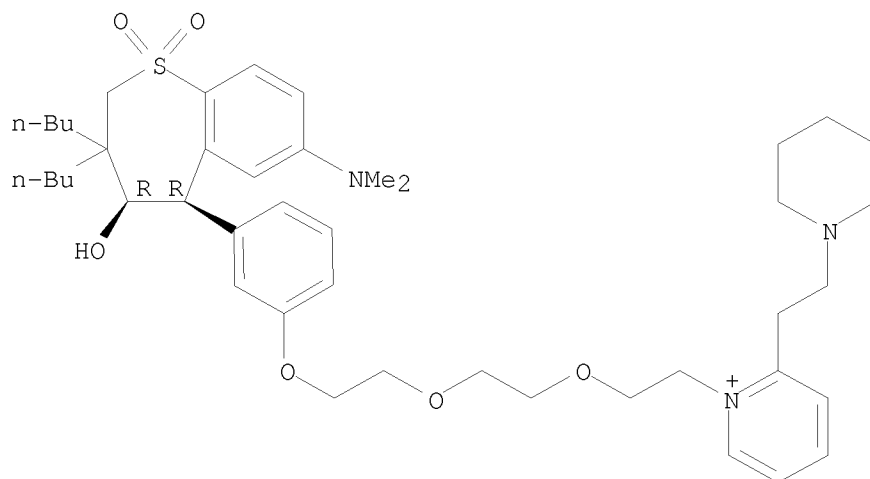


RN 213312-96-0 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[2-(1-piperidinyl)ethyl]-, iodide (1:1),

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rel- (CA INDEX NAME)

Relative stereochemistry.

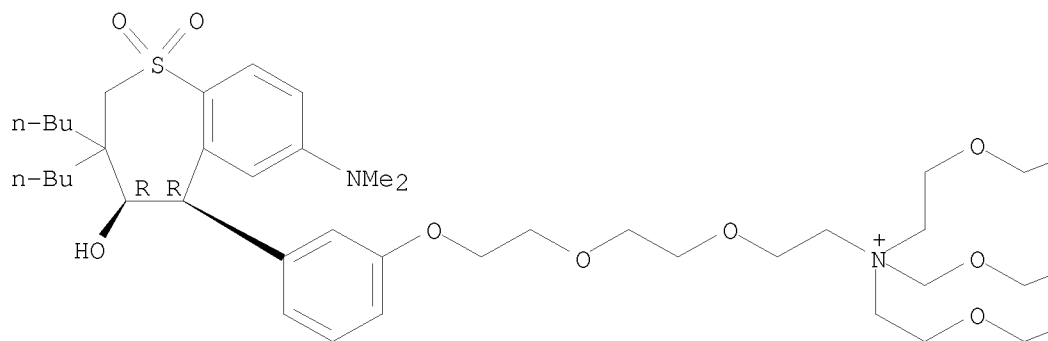


● I⁻

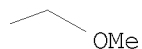
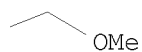
RN 213312-97-1 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-bis[2-(2-methoxyethoxy)ethyl]-N-(2-methoxyethoxy)methyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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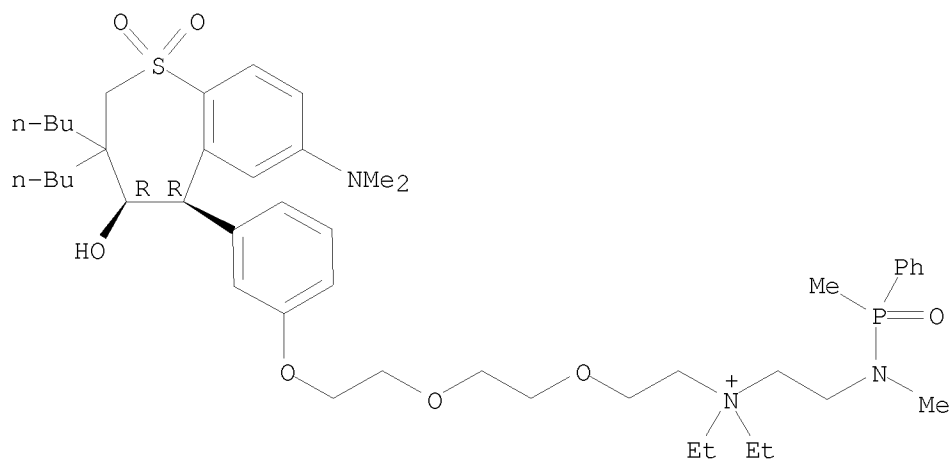


● I⁻



RN 213312-98-2 CAPLUS
 CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

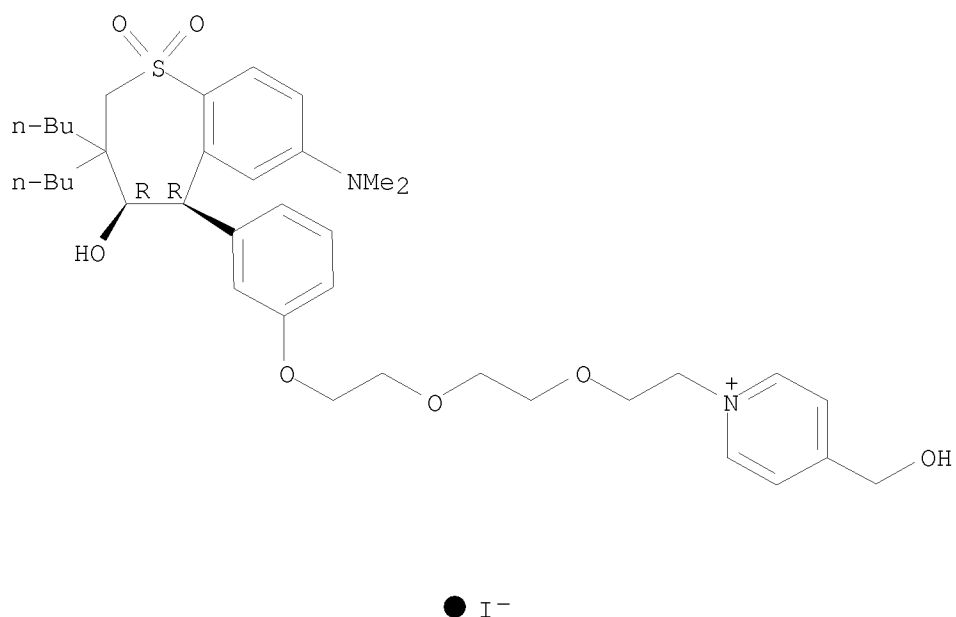
Relative stereochemistry.



RN 213312-99-3 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, iodide (1:1), rel- (CA INDEX NAME)

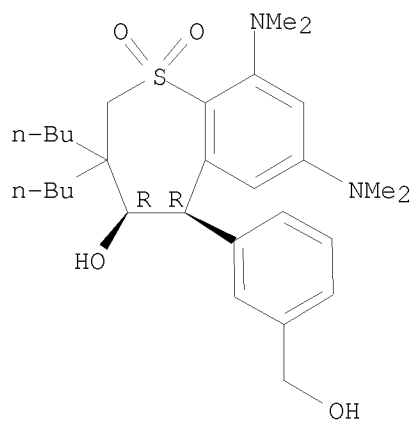
Relative stereochemistry.

10/590,458



RN 213313-00-9 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

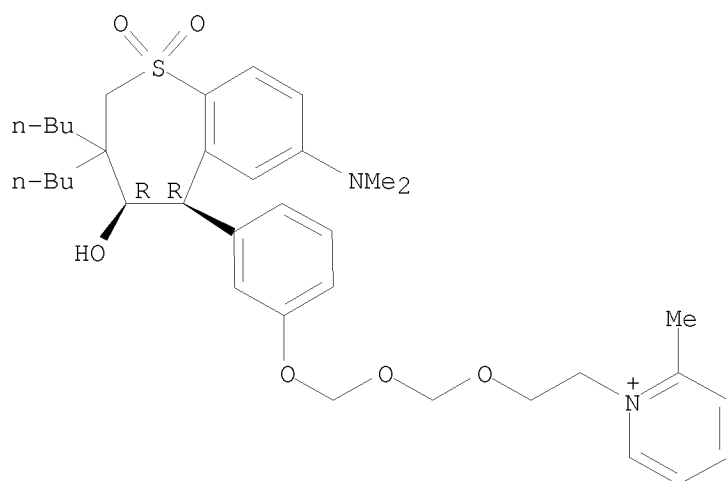
Relative stereochemistry.



RN 213313-01-0 CAPLUS
 CN Pyridinium, 1-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-2-methyl-, iodide (1:1), rel- (CA INDEX NAME)

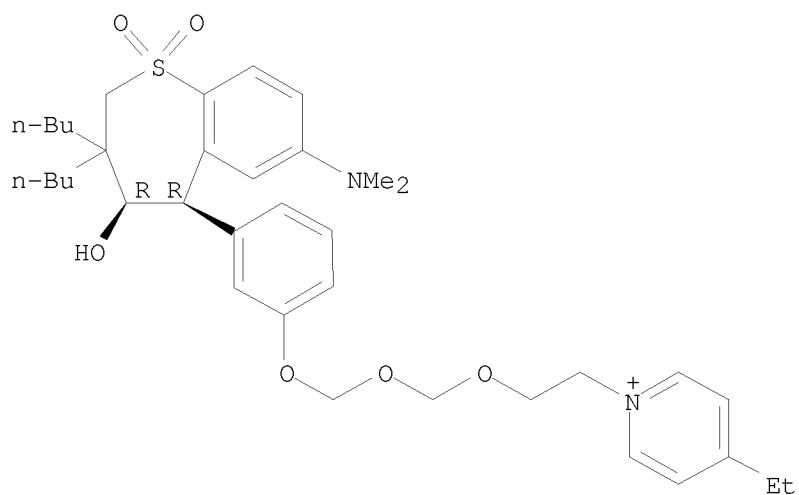
Relative stereochemistry.

10/590,458



RN 213313-02-1 CAPLUS
CN Pyridinium, 1-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

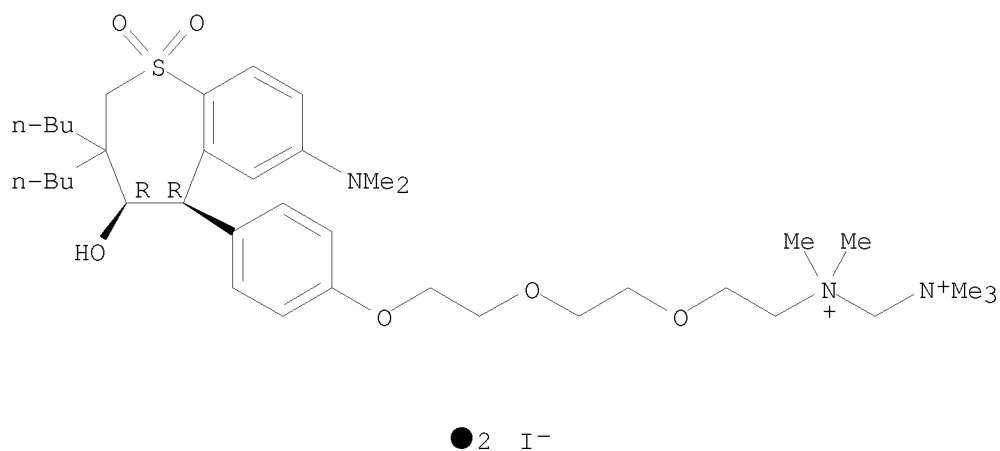


10/590,458

RN 213313-03-2 CAPLUS

CN Methanedianium, N-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,N',N',N'-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213313-05-4 CAPLUS

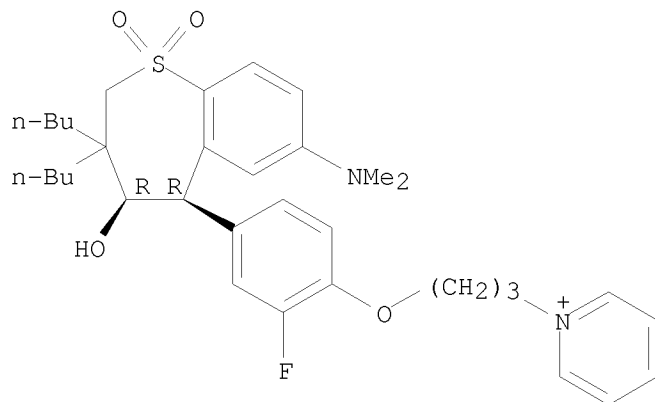
CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 213313-04-3

CMF C34 H46 F N2 O4 S

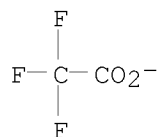
Relative stereochemistry.



CM 2

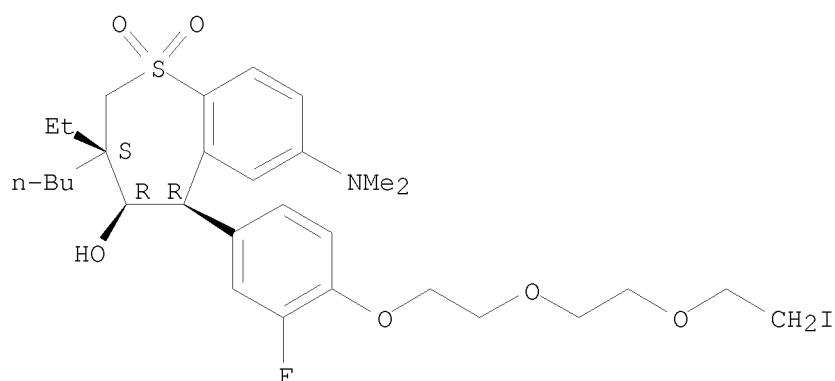
10/590,458

CRN 14477-72-6
CMF C2 F3 O2



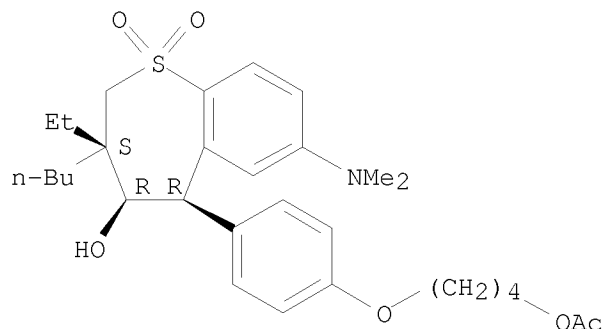
RN 213313-06-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-[3-fluoro-4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213313-07-6 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[4-(acetyloxy)butoxy]phenyl]-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

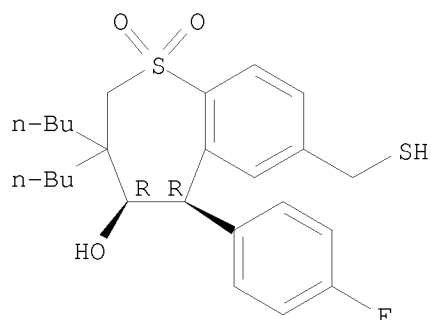


RN 213313-08-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-

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(mercaptomethyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

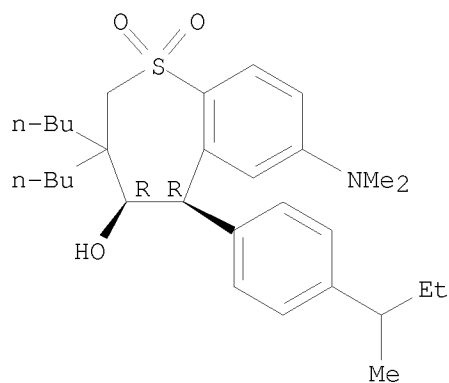
Relative stereochemistry.



RN 213313-10-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(1-methylpropyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

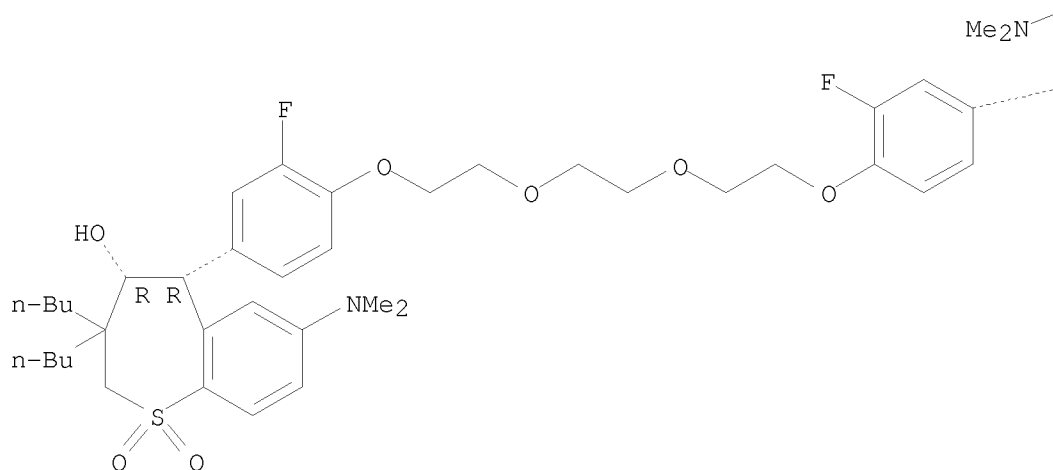


RN 213313-11-2 CAPLUS

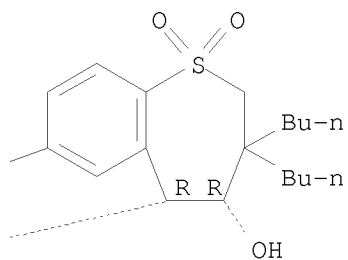
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis[oxy-2,1-ethanediyl]oxy(3-fluoro-4,1-phenylene)]]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'R,5R,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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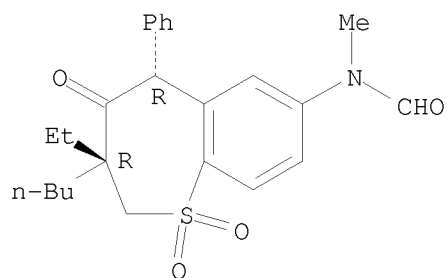
PAGE 1-B



RN 213313-15-6 CAPLUS
 CN Formamide, N-[(3R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-1,1-dioxido-4-oxo-5-phenyl-1-benzothiepin-7-yl]-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

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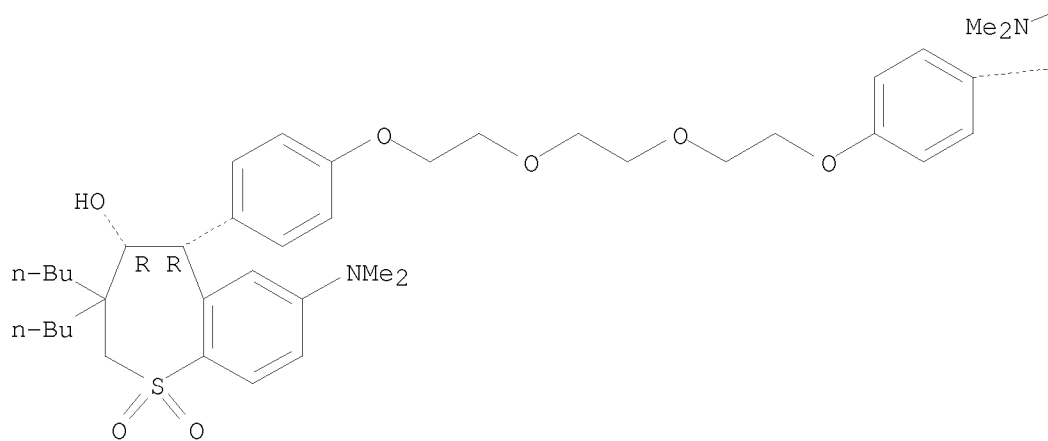


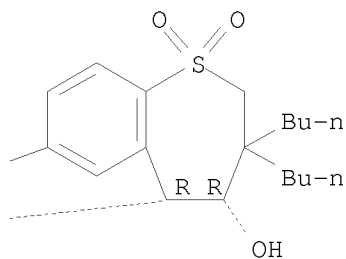
RN 213313-18-9 CAPLUS

CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy-4,1-phenylene]]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'R,5R,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

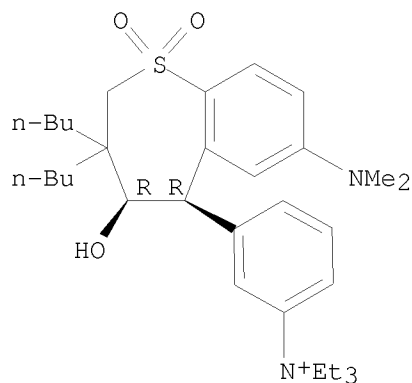
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RN 213313-20-3 CAPLUS
 CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, bromide (1:1), rel- (CA INDEX NAME)

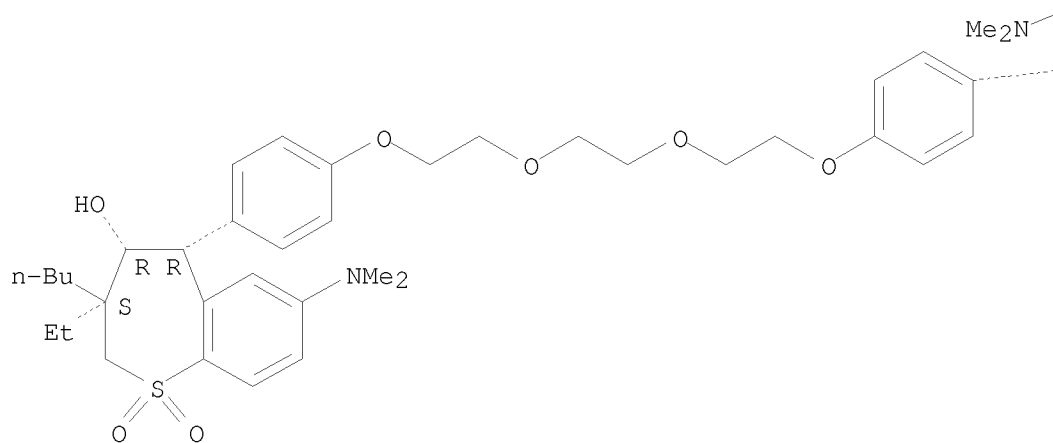
Relative stereochemistry.



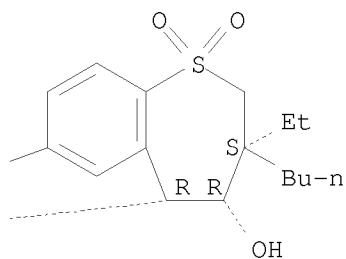
RN 213313-21-4 CAPLUS
 CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy-4,1-phenylene)]bis[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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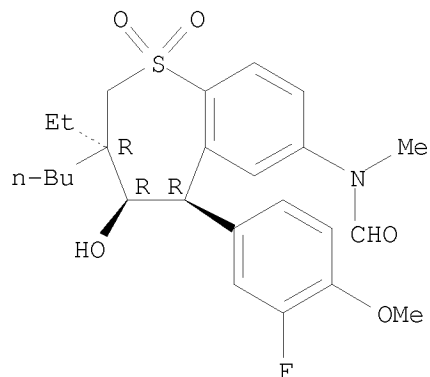


RN 213313-22-5 CAPLUS

CN Formamide, N-[(3R,4R,5R)-3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-N-methyl-,
rel- (CA INDEX NAME)

Relative stereochemistry.

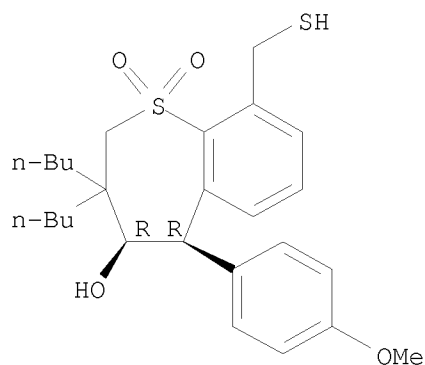
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RN 213313-23-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-9-(mercaptomethyl)-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

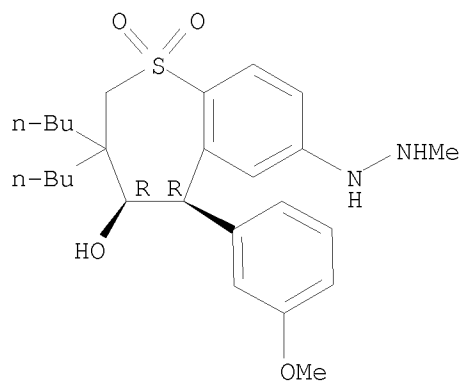
Relative stereochemistry.



RN 213313-25-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(2-methylhydrazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

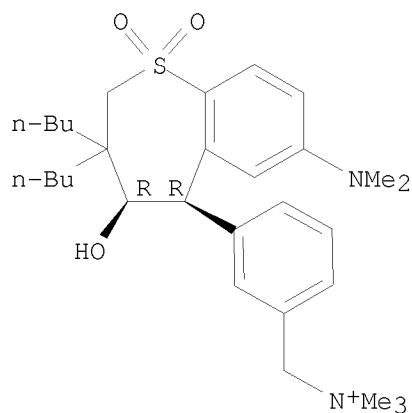
Relative stereochemistry.



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RN 213313-26-9 CAPLUS
CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

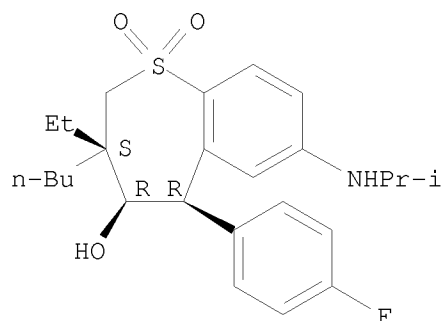
Relative stereochemistry.



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RN 213313-27-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-[(1-methylethyl)amino]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

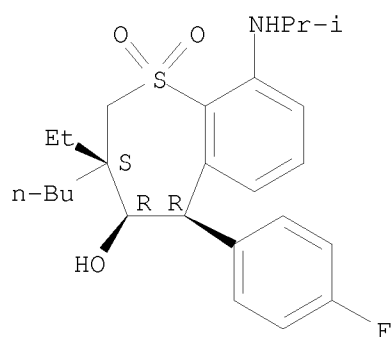
Relative stereochemistry.



RN 213313-28-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-[(1-methylethyl)amino]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

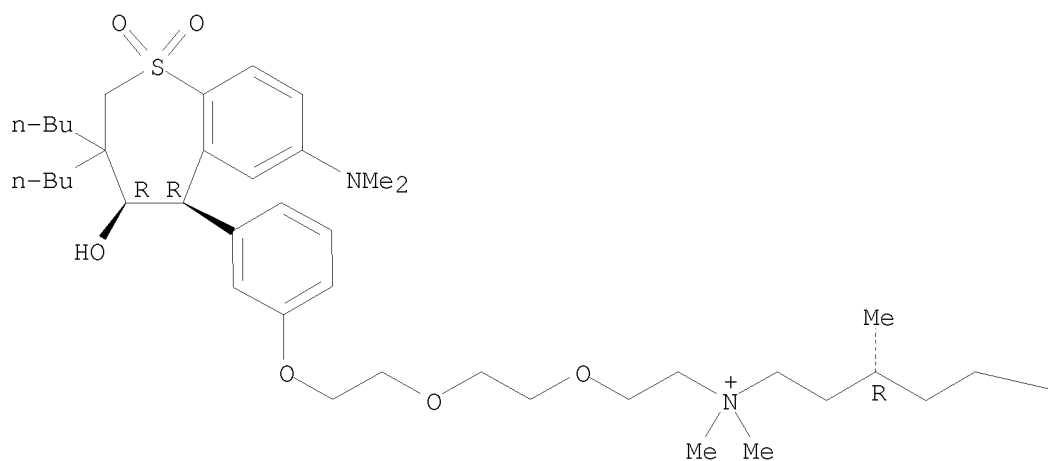
10/590,458



RN 213313-29-2 CAPLUS
CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-5-(dimethylamino)-N,N,3-trimethyl-, iodide
(1:1), (3R)-rel- (CA INDEX NAME)

Relative stereochemistry.

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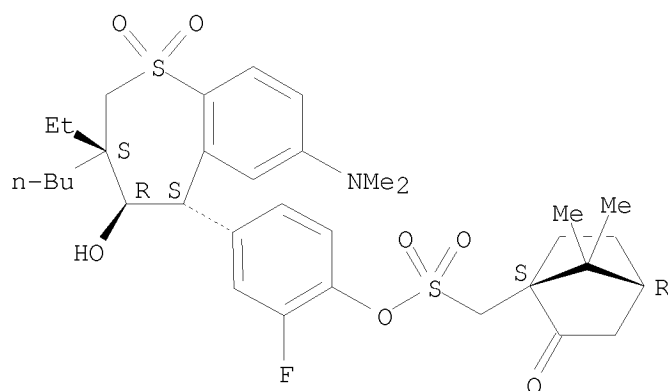


● I⁻

—NMe₂

RN 213313-30-5 CAPLUS
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,
 4-[(3R,4S,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenyl ester,
 (1R,4S)-rel- (CA INDEX NAME)

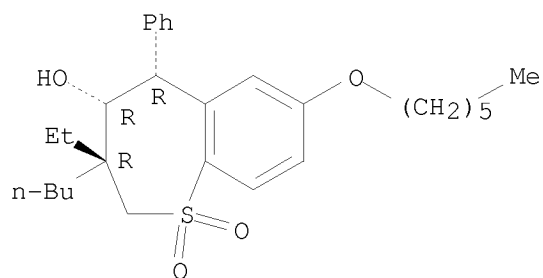
Relative stereochemistry.



RN 213313-31-6 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexyloxy)-2,3,4,5-tetrahydro-5-
 phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

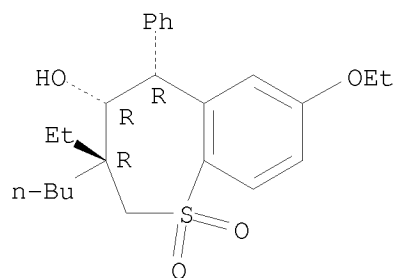
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RN 213313-32-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

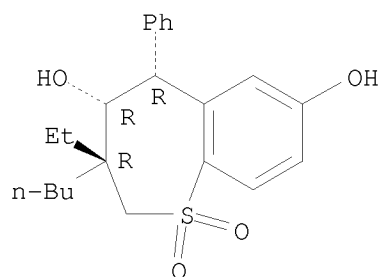
Relative stereochemistry.



RN 213313-33-8 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

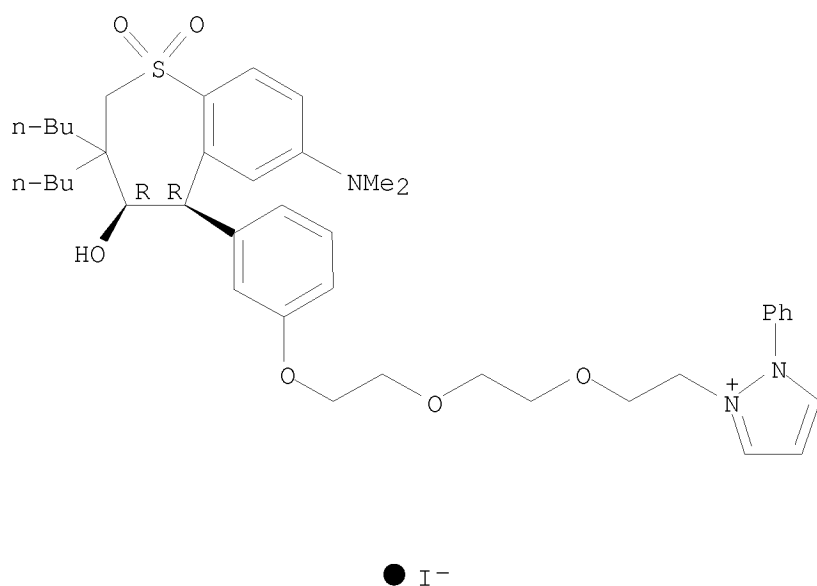
Relative stereochemistry.



RN 213313-34-9 CAPLUS

CN 1H-Pyrazolium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

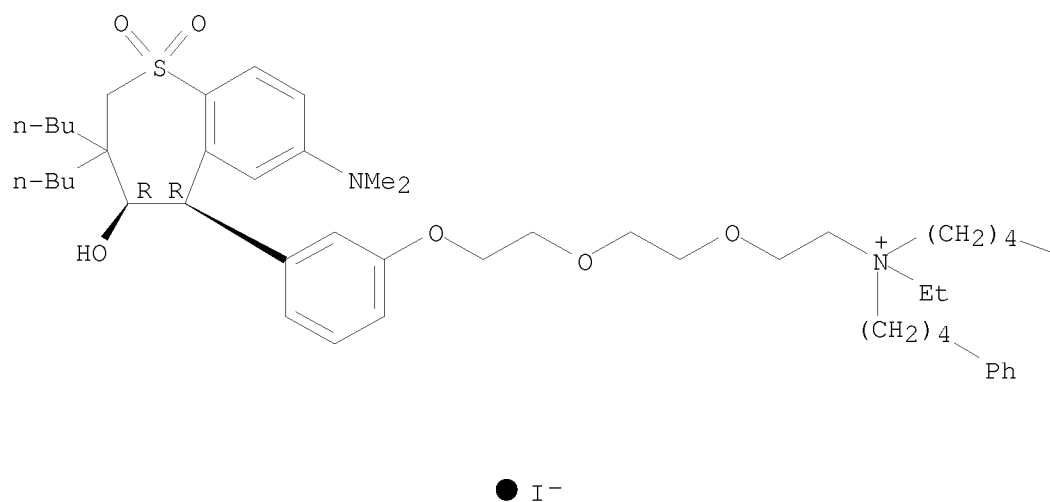
Relative stereochemistry.



RN 213313-35-0 CAPLUS
 CN Benzenebutanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-ethyl-N-(4-phenylbutyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

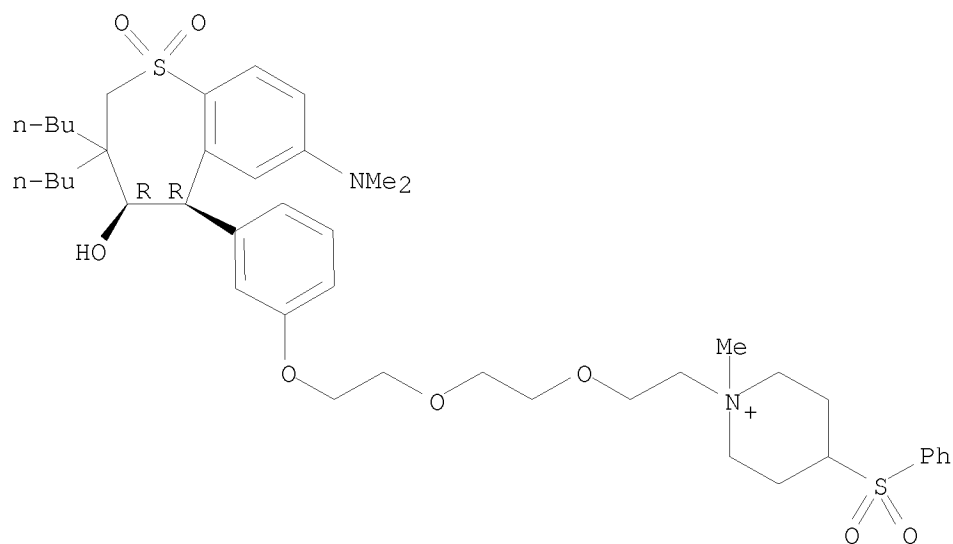
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— Ph

RN 213386-72-2 CAPLUS
 CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(phenylsulfonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



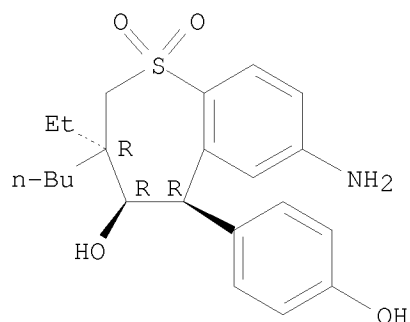
● I⁻

IT 197372-97-7 197372-98-8 197375-48-7
 197375-49-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of ileal bile acid transport inhibiting benzothiepinines for
 combination therapy with HMG Co-A reductase inhibitors)
 RN 197372-97-7 CAPLUS
 CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-

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hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

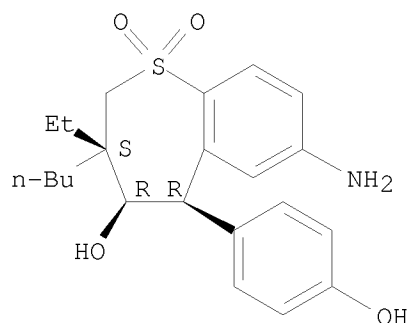
Relative stereochemistry.



RN 197372-98-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

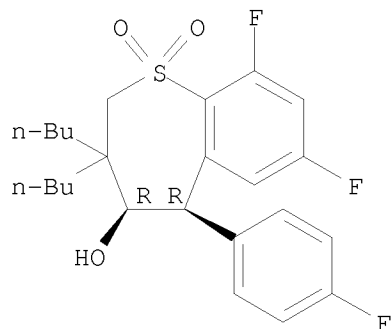
Relative stereochemistry.



RN 197375-48-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

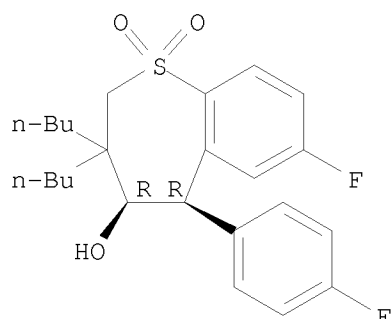


RN 197375-49-8 CAPLUS

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CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 197373-04-9P 197373-05-0P 197373-42-5P
197373-43-6P 197373-44-7P 197373-46-9P
197373-47-0P 197373-49-2P 197373-50-5P
197373-51-6P 197373-55-0P 197373-56-1P
197373-57-2P 197373-58-3P 213312-74-4P
213312-76-6P

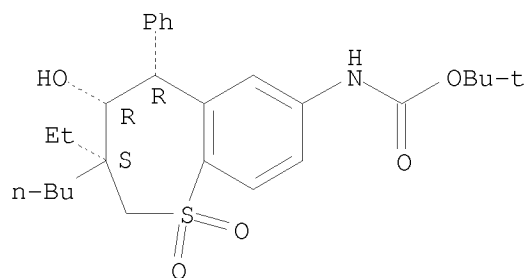
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors)

RN 197373-04-9 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

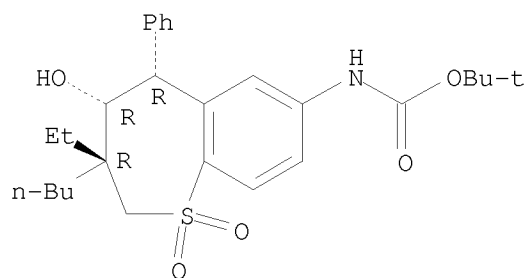
Relative stereochemistry.



RN 197373-05-0 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

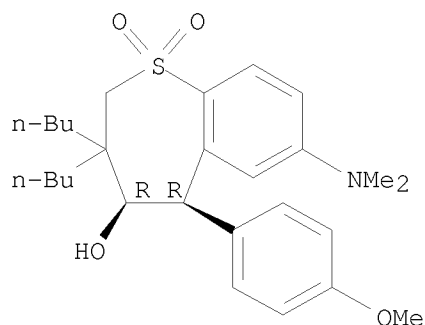
Relative stereochemistry.



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

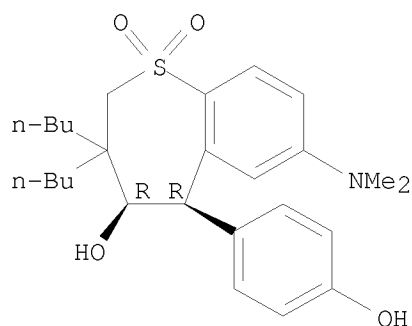
Relative stereochemistry.



RN 197373-43-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

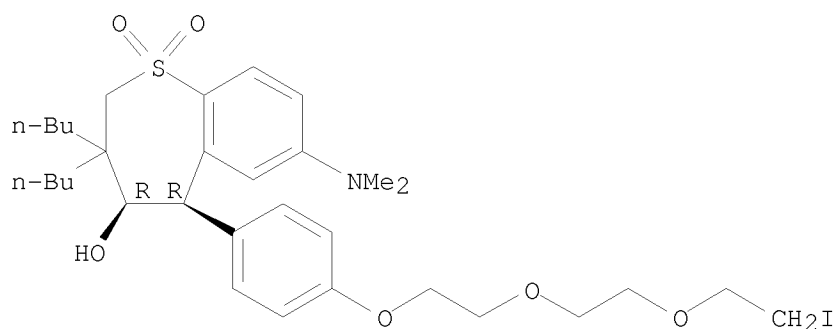


RN 197373-44-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

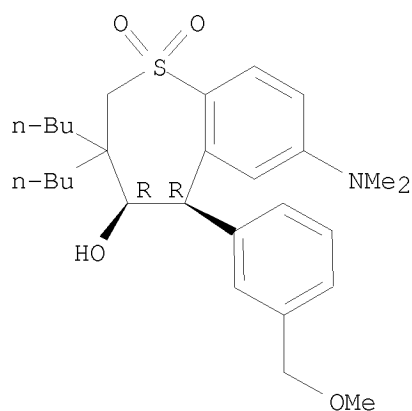
10/590,458



RN 197373-46-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(methoxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

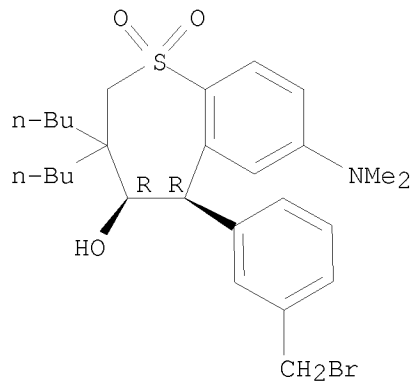


RN 197373-47-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

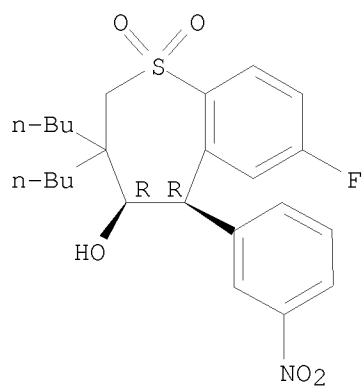
10/590,458



RN 197373-49-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

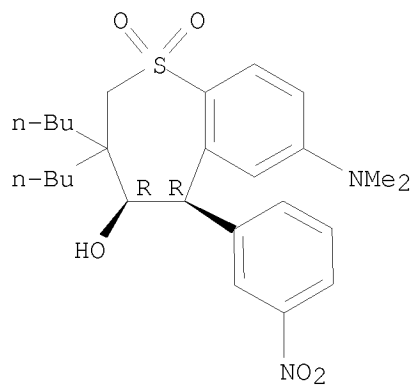
Relative stereochemistry.



RN 197373-50-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

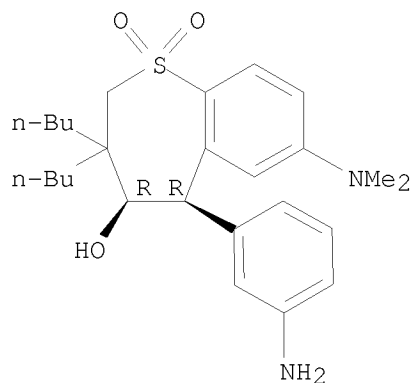


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RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

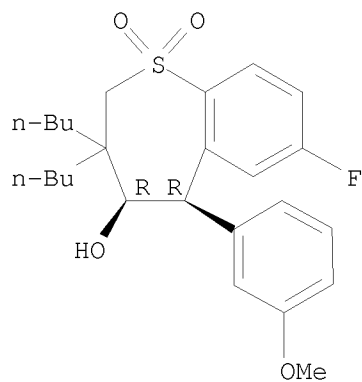
Relative stereochemistry.



RN 197373-55-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

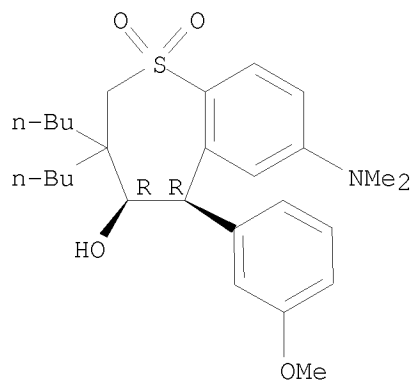


RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

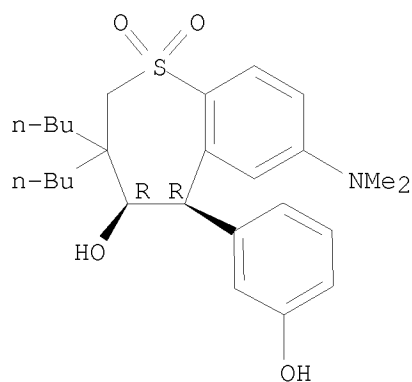
10/590,458



RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

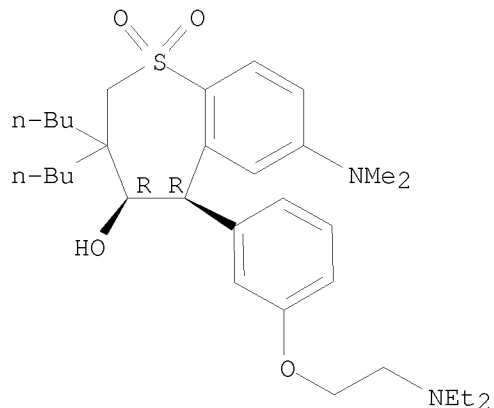


RN 197373-58-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-[2-(diethylamino)ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

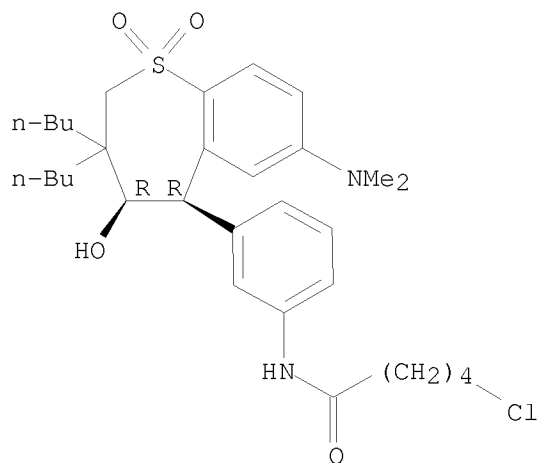
10/590,458



RN 213312-74-4 CAPLUS

CN Pentanamide, 5-chloro-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

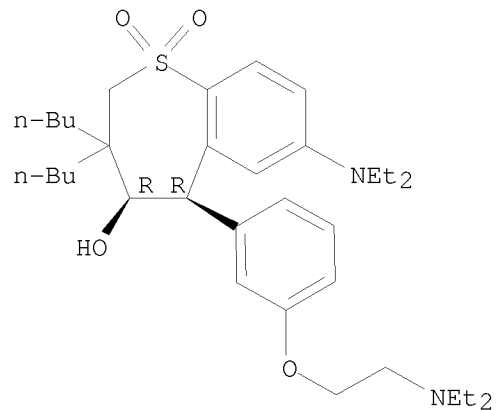


RN 213312-76-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-5-[3-[2-(diethylamino)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458



OS.CITING REF COUNT: 5

THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)

REFERENCE COUNT: 76

THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 33 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:590035 CAPLUS

DOCUMENT NUMBER: 133:193089

TITLE: Preparation of substituted 5-aryl-benzothiepinines as ileal bile acid transport and taurocholate uptake inhibitors

INVENTOR(S): Lee, Len F.; Banerjee, Shyamal C.; Huang, Horng-chih; Li, Jinglin J.; Miller, Raymond E.; Reitz, David B.; Tremont, Samuel J.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: U.S., 191 pp., Cont.-in-part of U. S. Ser. No. 109,551.

CODEN: USXXAM

DOCUMENT TYPE: Patent

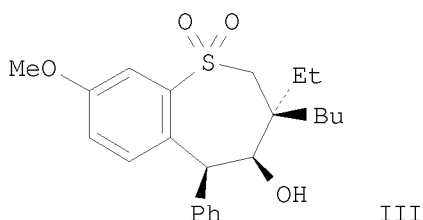
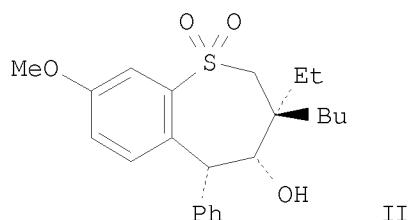
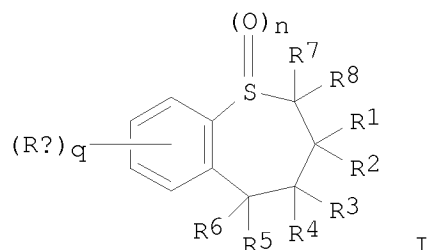
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PATENT INFORMATION:

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US 6107494	A	20000822	US 1999-275463	19990324
CA 2506703	A1	19970918	CA 1997-2506703	19970311
EP 1440972	A1	20040728	EP 2004-10088	19970311
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US 5994391	A	19991130	US 1998-109551	19980702
EP 1331225	A1	20030730	EP 2003-5459	19981216
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WO 2000001687	A1	20000113	WO 1999-US12828	19990629
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ES 2213373	T3	20040816	ES 1999-931769	19990629
EP 1466911	A2	20041013	EP 2003-26649	19990629
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			US 2000-676466	A3 20000929
			US 2000-581897	A3 20001002
			US 2001-828968	A3 20010409
			US 2002-68297	A3 20020208
OTHER SOURCE(S):			MARPAT 133:193089	
GI				



AB The title compds. (I) [wherein $q = 1-4$; $n = 2$; R_1 and R_2 = independently H or (un)substituted (halo)alkyl, alkenyl, alkynyl, alkylaryl, arylalkyl, alkoxy(alkyl), dialkylamino, alkylthio, (polyalkyl)aryl, or cycloalkyl; or R_1 and R_2 taken together with the atoms to which they are attached = cycloalkyl; R_3 and R_4 = independently H, alkyl, alkenyl, alkynyl, acyloxy, aryl, heterocyclyl, OR_9 , NR_9R_{10} , SR_9 , $S(O)R_9$, SO_2R_9 , or SO_3R_9 ; R_9 and R_{10} = independently H, (cyclo)alkyl, alkenyl, alkynyl, aryl(alkyl), acyl, heterocyclyl, or ammoniumalkyl; or R_3 and R_4 together = $:O$, $:NOR_{11}$, $:S$, $:NNR_{11}R_{12}$, $:NR_9$, or $:CR_{11}R_{12}$; R_{11} and R_{12} = independently H, (cyclo)alkyl, alkenyl, alkynyl, aryl(alkyl), heterocyclyl, carboxylalkyl, carboalkoxyalkyl, cyanoalkyl, OR_9 , NR_9R_{10} , SR_9 , $S(O)R_9$, SO_2R_9 , SO_3R_9 , CO_2R_9 , CN, halo, oxo, or $CONR_9R_{10}$; R_5 = substituted aryl; R_6 = H; R_7 and R_8 = independently H or alkyl; R_x = independently H or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, polyalkyl, acyloxy, aryl(alkyl), halo(alkyl), (quaternary) heterocyclyl, (quaternary) heteroaryl, polyether, alkoxy, amino, alkylthio, NO_2 , carboxy, carbamido, etc.] where prepared for the prophylaxis and treatment of hyperlipidemic conditions, such as those associated with atherosclerosis or hypercholesterolemia. Thus, KOBu-t was added to a solution of 2-((2-benzyl-5-methoxyphenylsulfonyl)methyl)-2-ethylhexanal (preparation given) and dry THF cooled to $-1.6^\circ C$ to give, after workup, II and III (96% combined yield). The isomers were separated upon recrystn. II inhibited IBAT-mediated uptake of $[^{14}C]$ -taurocholate in H14 cells with an IC_{50} of $0.1 \mu M$ and reduced serum cholesterol from 143 mg (7%) to 126 mg (2%) compared to control in cholesterol-fed hamsters in a 14-day test. In vitro taurocholate uptake assay data are included for nearly 600 compds. of the invention.

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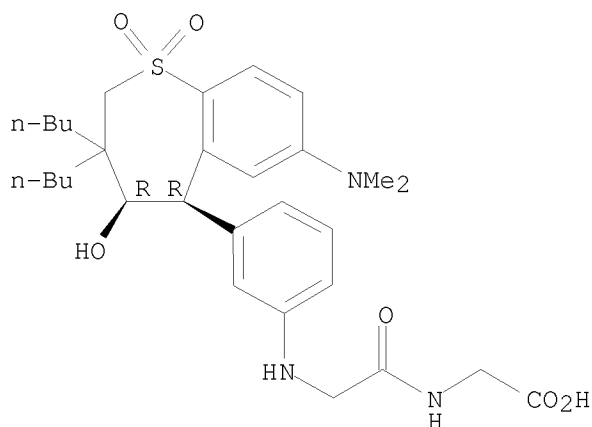
RL: PRPH (Prophetic)

(Preparation of substituted 5-aryl-benzothiepinines as ileal bile acid transport and taurocholate uptake inhibitors)

RN 865594-09-8 CAPLUS

CN Glycine, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]glycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

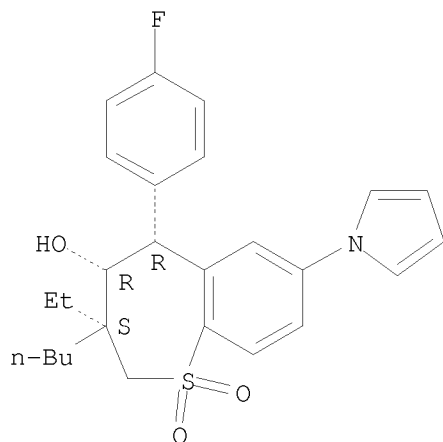


RN 1064152-87-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrrol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

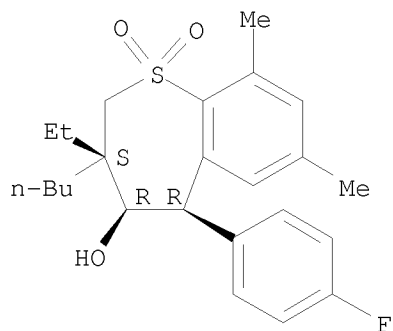
10/590,458



RN 1064152-88-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

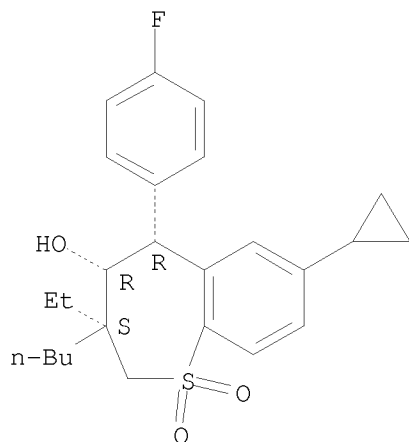


RN 1064152-89-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

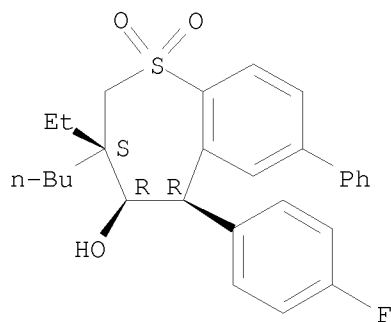
10/590,458



RN 1064152-90-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

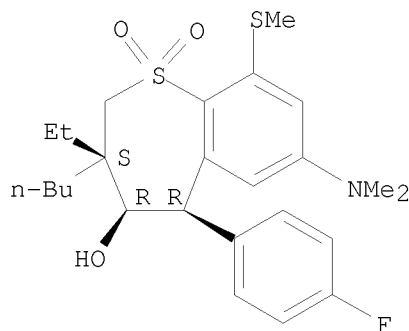
Absolute stereochemistry.



RN 1064152-92-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

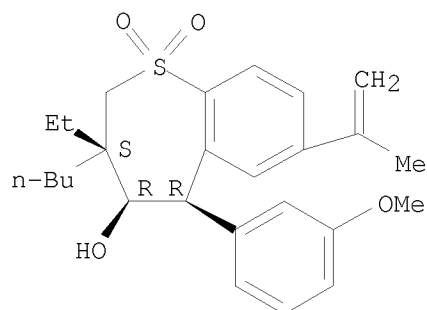
Absolute stereochemistry.



10/590,458

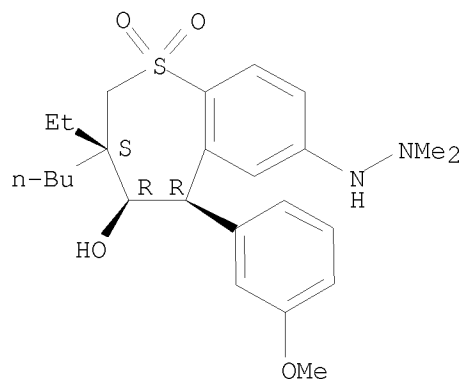
RN 1064152-95-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064152-96-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(2,2-dimethylhydrazinyl)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

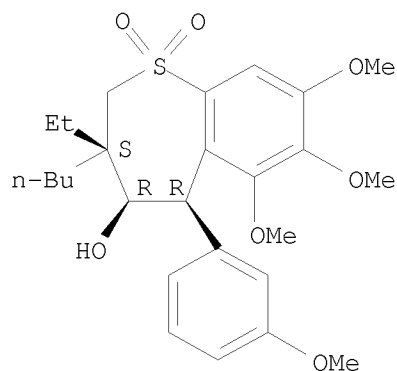
Absolute stereochemistry.



RN 1064153-00-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

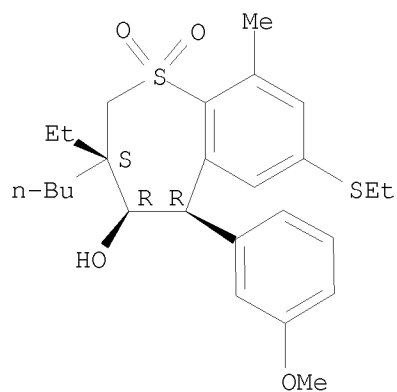
10/590,458



RN 1064153-01-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

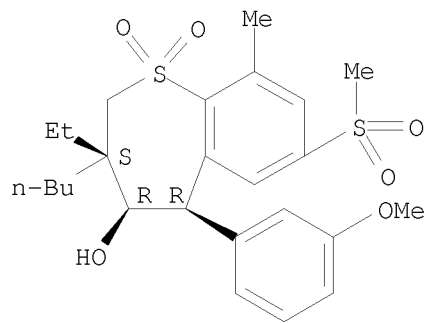
Absolute stereochemistry.



RN 1064153-02-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

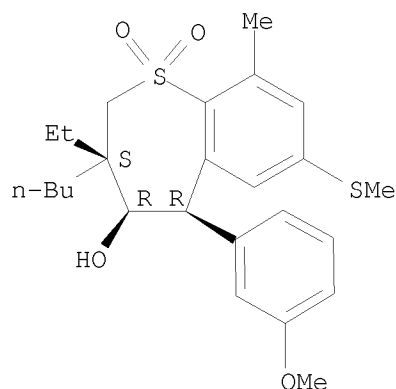


10/590,458

RN 1064153-03-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

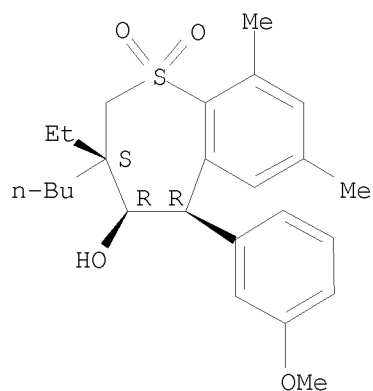
Absolute stereochemistry.



RN 1064153-05-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

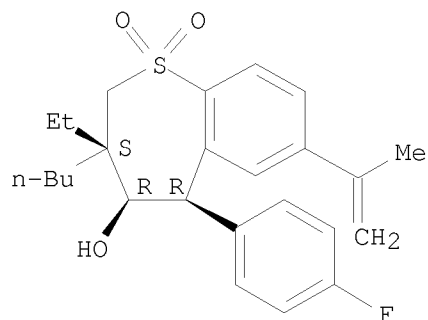


RN 1064153-07-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

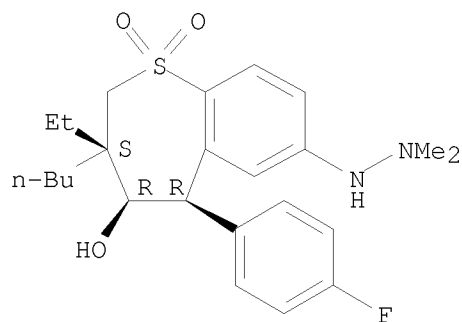
10/590,458



RN 1064153-08-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(2,2-dimethylhydrazinyl)-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

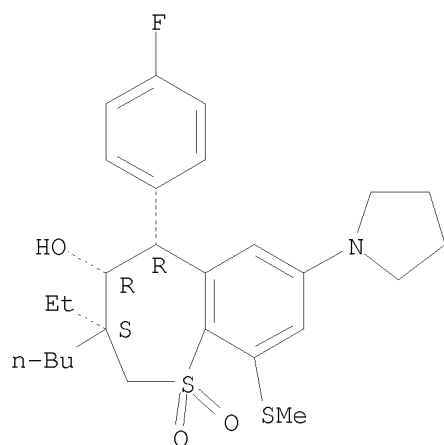
Absolute stereochemistry.



RN 1064153-10-1 CAPLUS

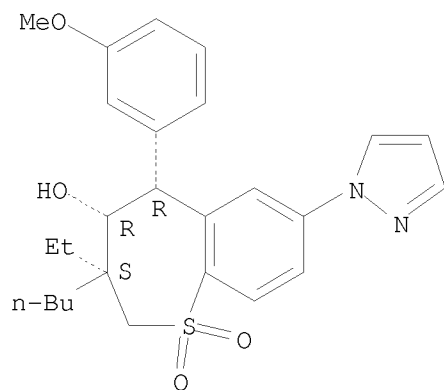
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylthio)-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064153-11-2 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

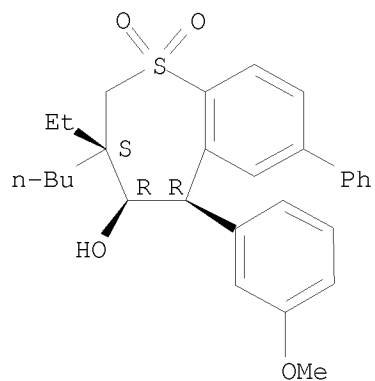
Absolute stereochemistry.



RN 1064153-12-3 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

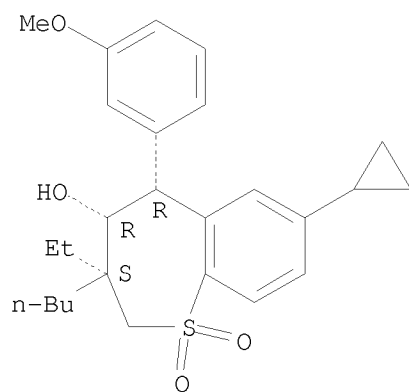
10/590,458



RN 1064153-15-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

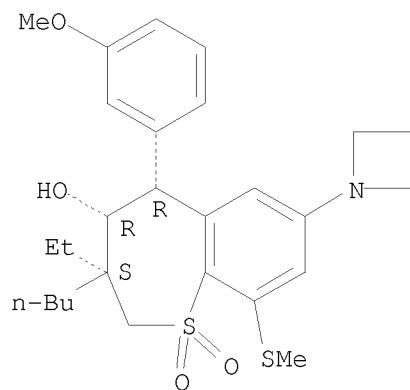


RN 1064153-16-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

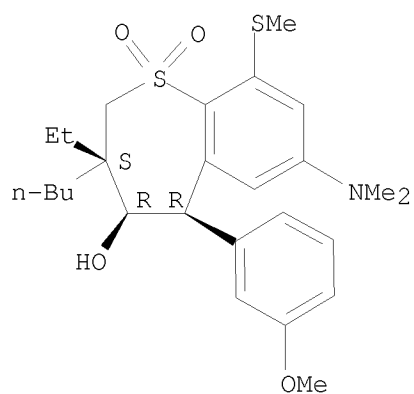
Absolute stereochemistry.

10/590,458



RN 1064153-18-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

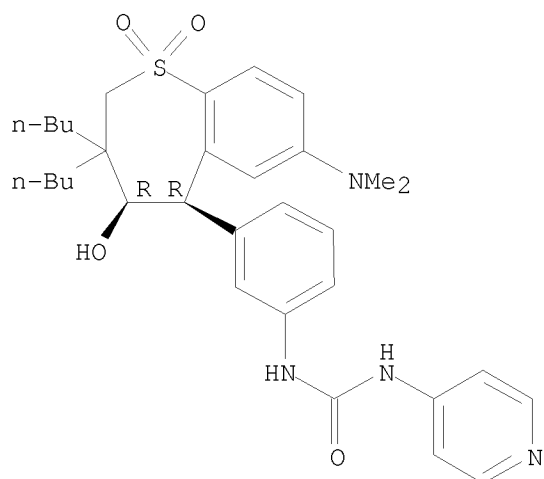
Absolute stereochemistry.



RN 1064153-56-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

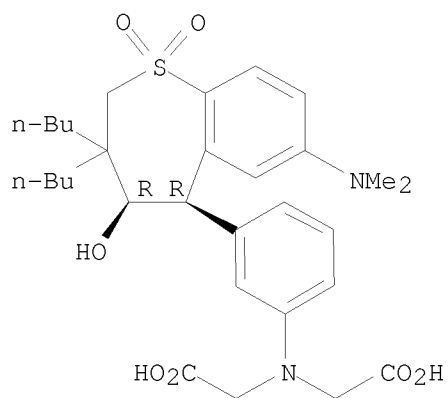
Absolute stereochemistry.

10/590,458



RN 1064153-57-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

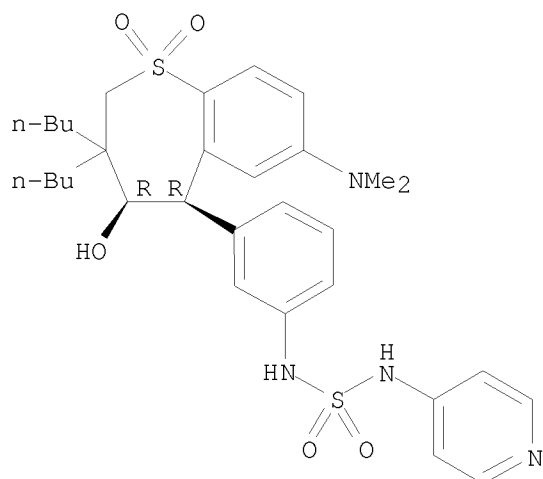
Absolute stereochemistry.



RN 1064153-59-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

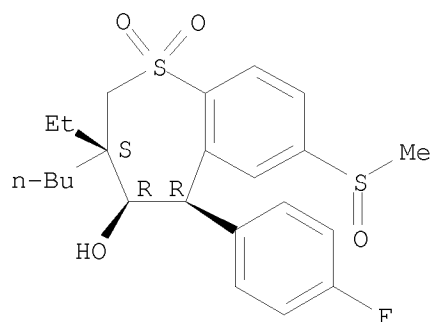
10/590,458



RN 1064153-62-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

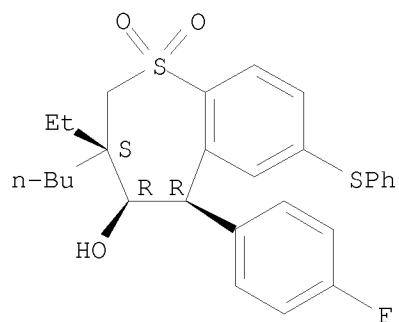
Absolute stereochemistry.



RN 1064153-63-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

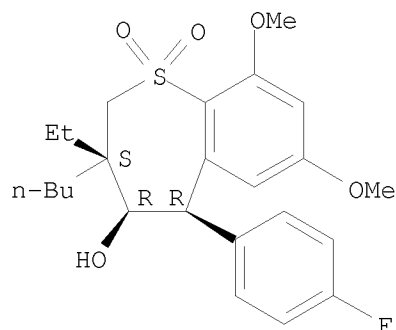


10/590,458

RN 1064153-64-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

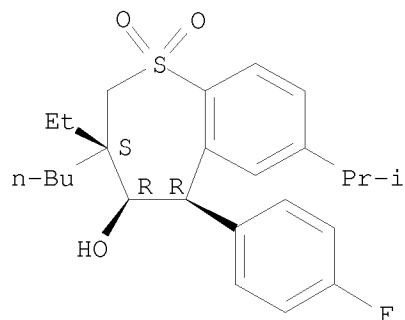
Absolute stereochemistry.



RN 1064153-65-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

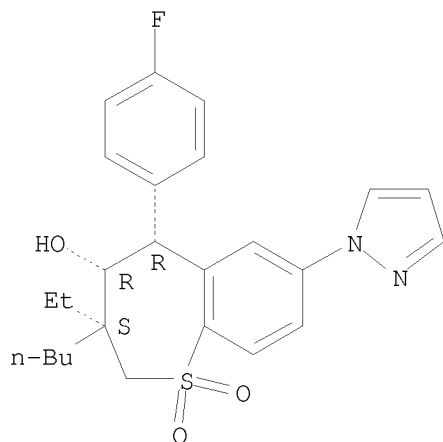


RN 1064153-66-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

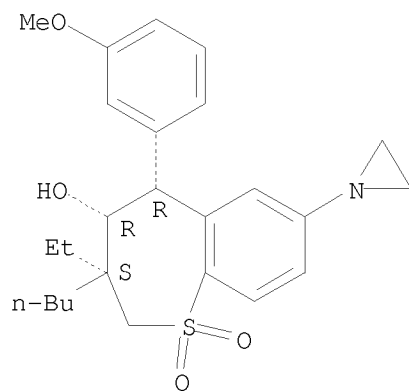
10/590,458



RN 1064153-67-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

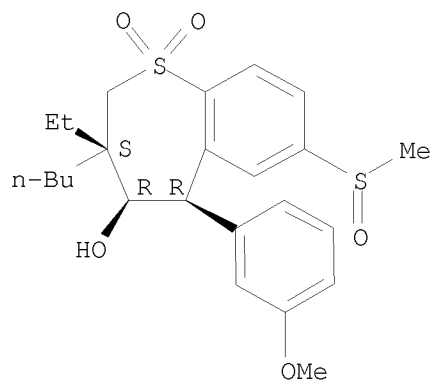


RN 1064153-68-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

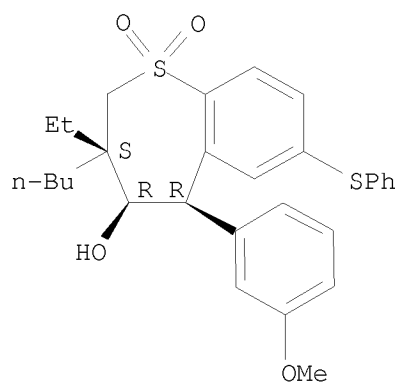
10/590,458



RN 1064153-69-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

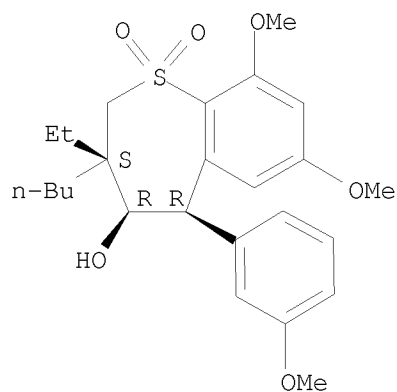


RN 1064153-70-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7,9-dimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

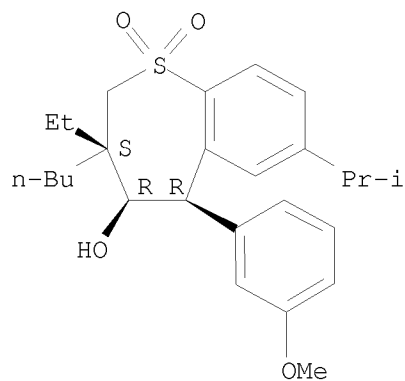
10/590,458



RN 1064153-71-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

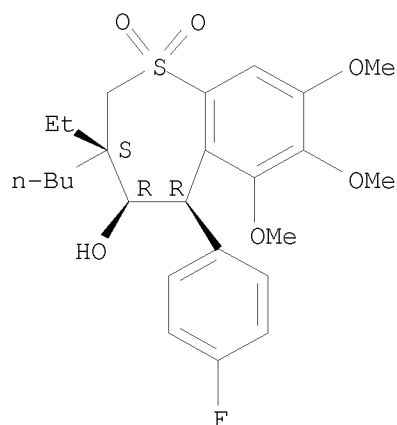


RN 1064153-72-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-6,7,8-trimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

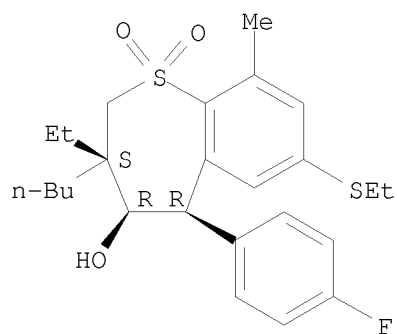
Absolute stereochemistry.

10/590,458



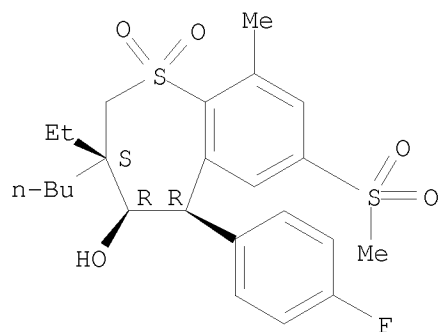
RN 1064153-73-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064153-74-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

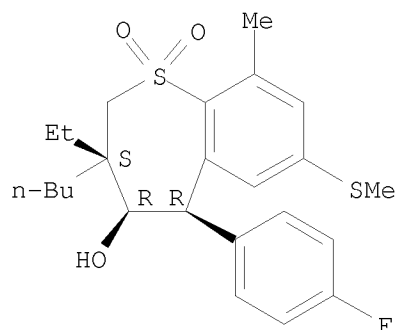


10/590,458

RN 1064153-75-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

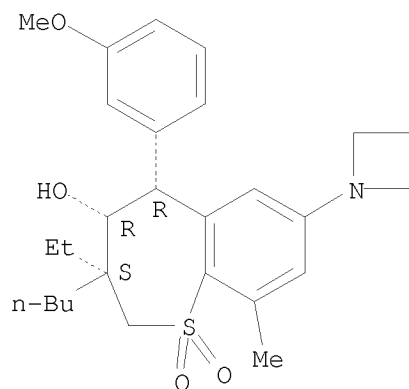
Absolute stereochemistry.



RN 1064153-77-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

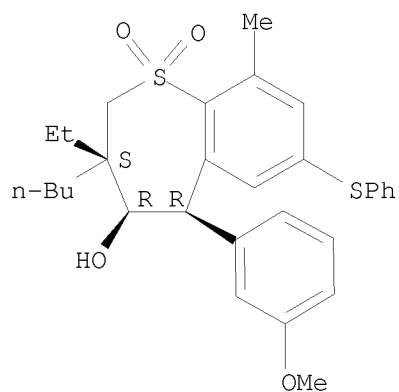


RN 1064153-79-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

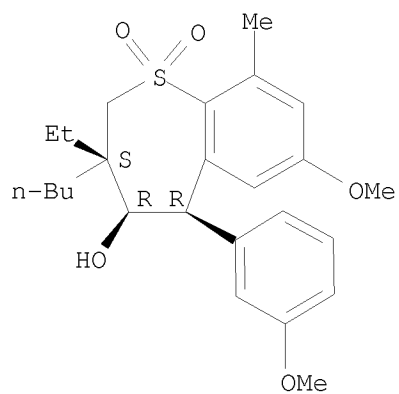
10/590,458



RN 1064153-80-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

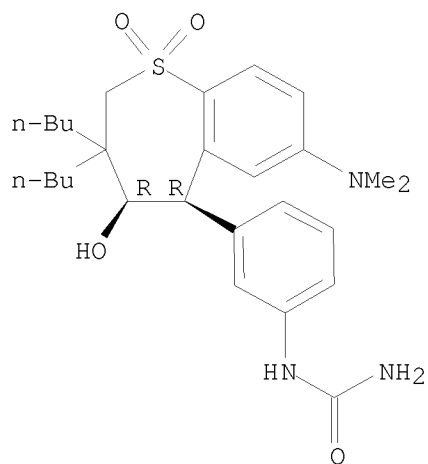


RN 1064154-34-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

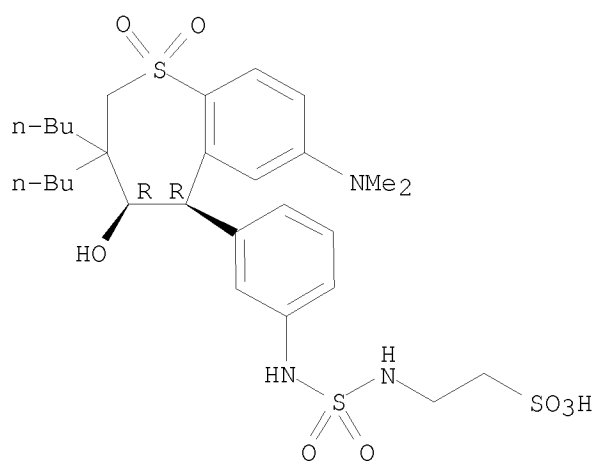
Absolute stereochemistry.

10/590,458



RN 1064154-35-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

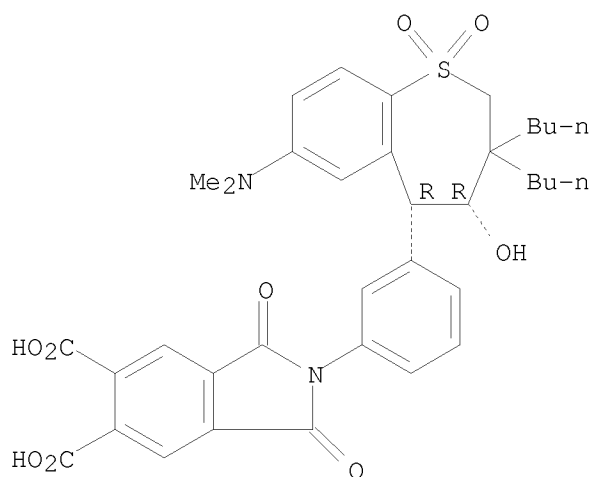
Absolute stereochemistry.



RN 1064154-36-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

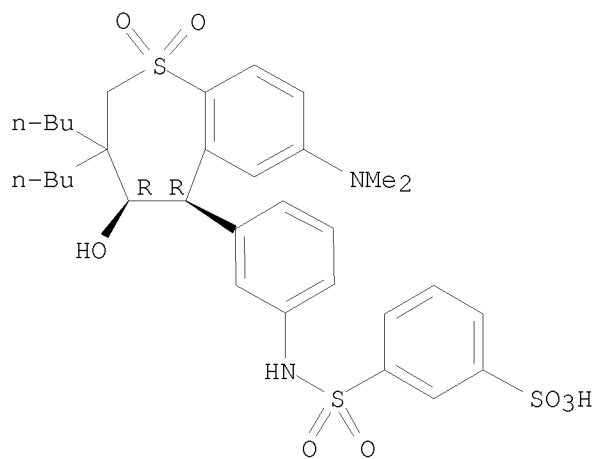
Absolute stereochemistry.

10/590,458



RN 1064154-37-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

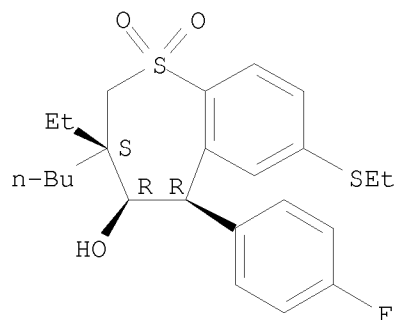
Absolute stereochemistry.



RN 1064154-41-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

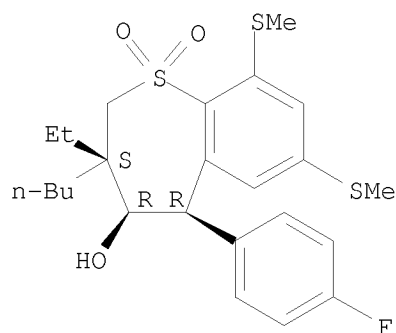
Absolute stereochemistry.

10/590,458



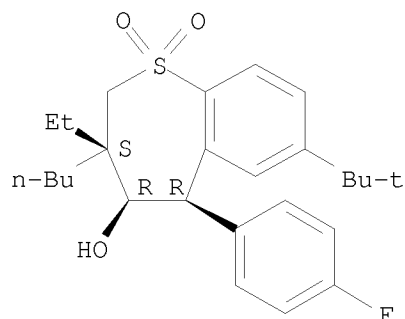
RN 1064154-43-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1064154-45-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

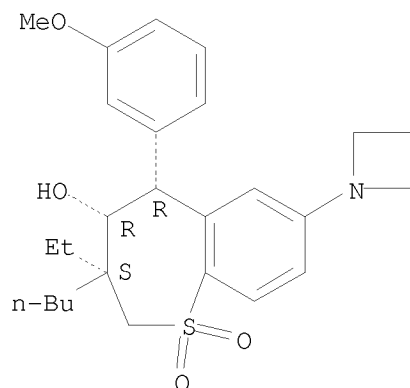
Absolute stereochemistry.



RN 1064154-46-6 CAPLUS
CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

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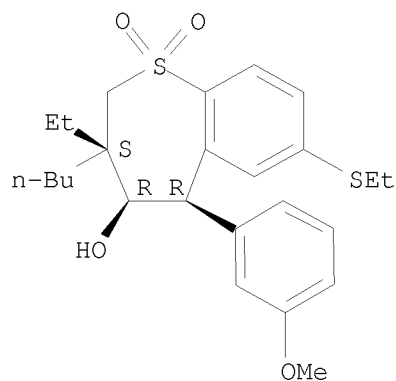
Absolute stereochemistry.



RN 1064154-47-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

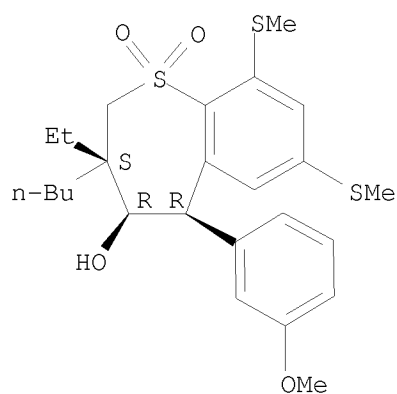


RN 1064154-49-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

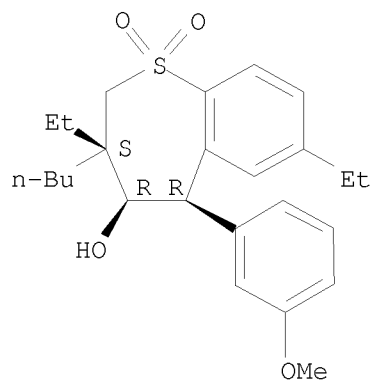
10/590,458



RN 1064154-50-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3,7-diethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

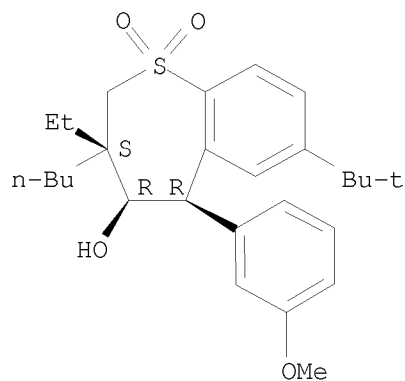


RN 1064154-52-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

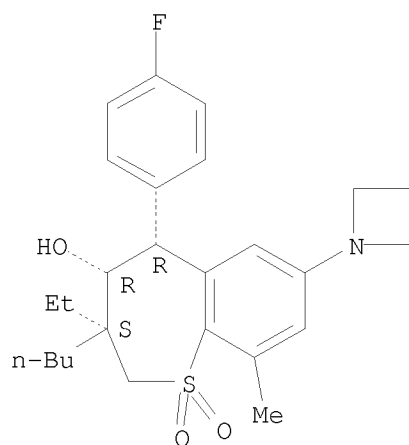
Absolute stereochemistry.

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RN 1064154-53-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

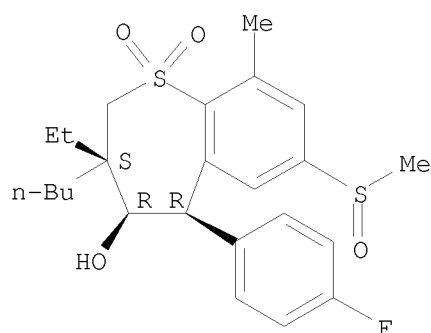
Absolute stereochemistry.



RN 1064154-54-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
9-methyl-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

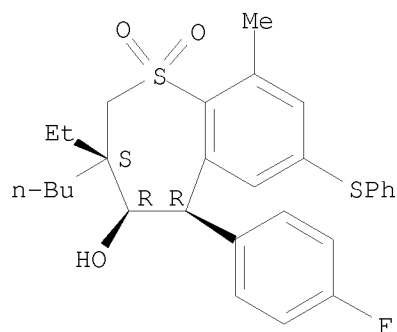
10/590,458



RN 1064154-55-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

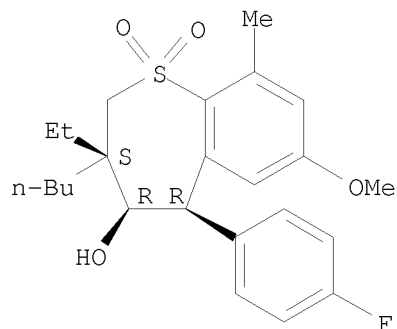
Absolute stereochemistry.



RN 1064154-56-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



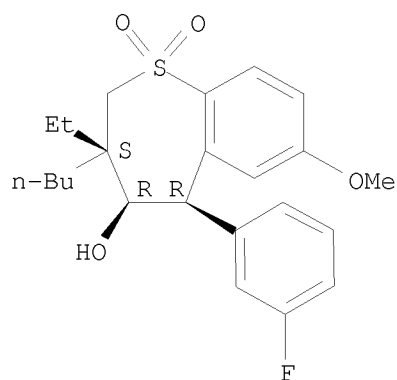
RN 1064589-21-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-

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7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

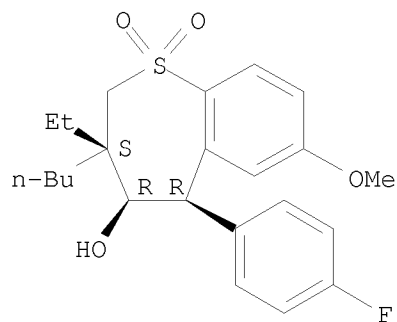
Absolute stereochemistry.



RN 1064589-22-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

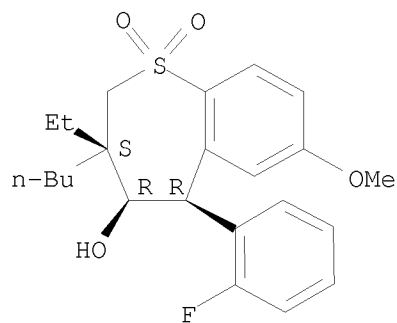
Absolute stereochemistry.



RN 1064589-23-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

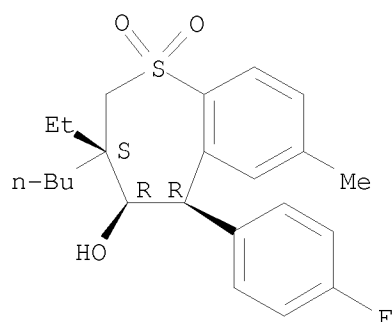


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RN 1064589-25-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

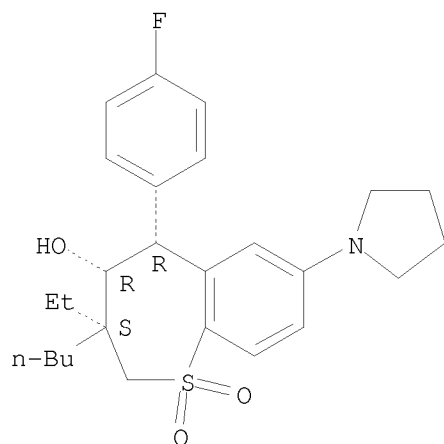
Absolute stereochemistry.



RN 1064589-69-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

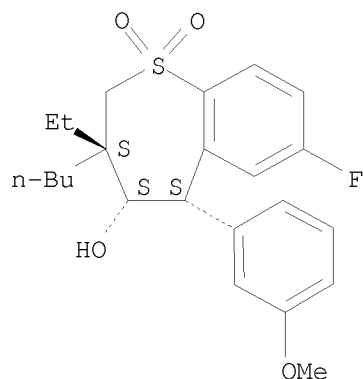


RN 1064590-77-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

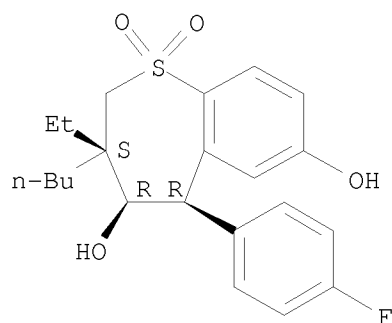
10/590,458



RN 1064591-63-4 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

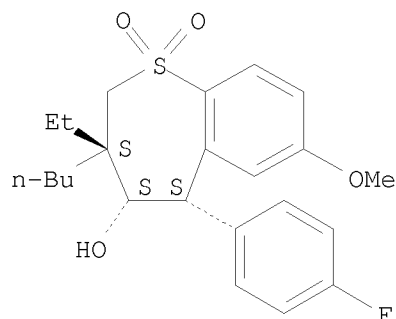
Absolute stereochemistry.



RN 1064591-95-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

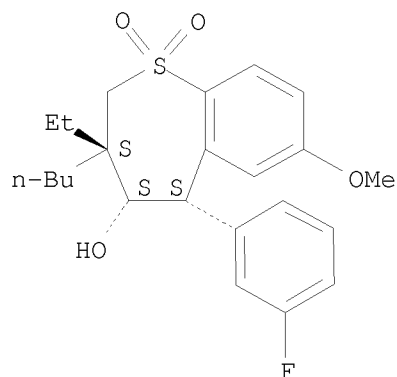


RN 1064591-96-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

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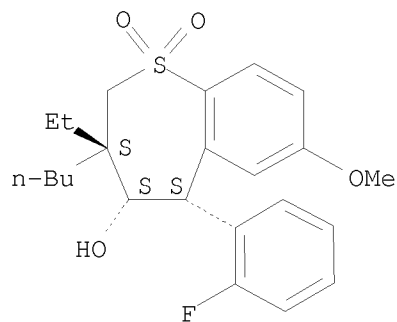
Absolute stereochemistry.



RN 1064591-97-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

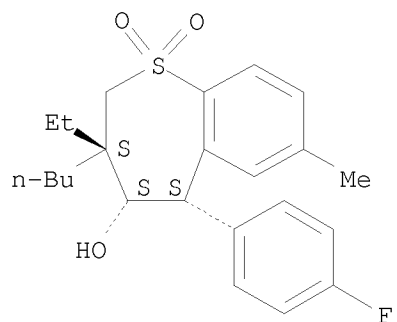
Absolute stereochemistry.



RN 1064592-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

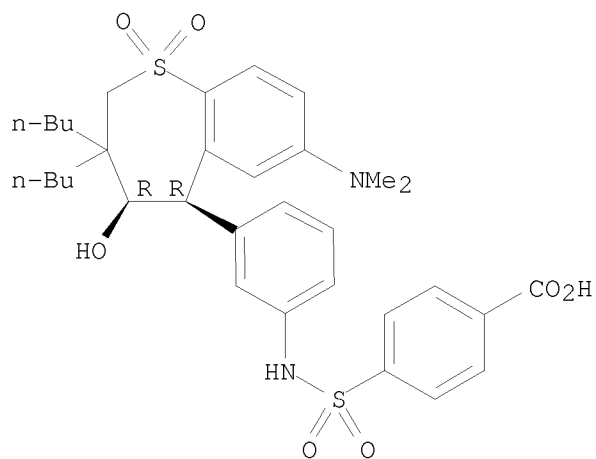


RN 1064593-97-0 CAPLUS

10/590,458

CN INDEX NAME NOT YET ASSIGNED

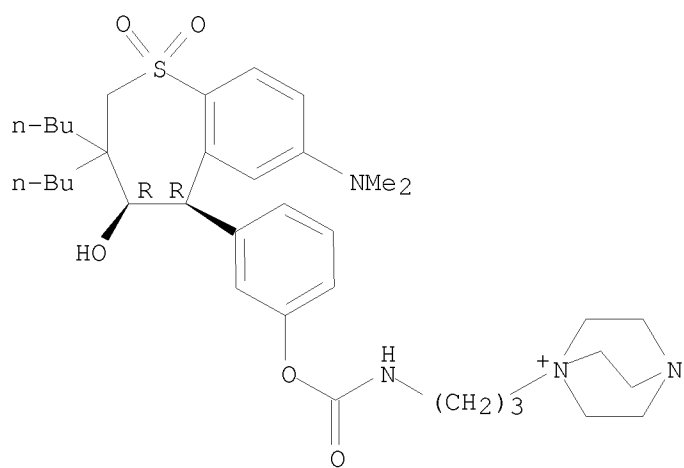
Absolute stereochemistry.



RN 1065226-74-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



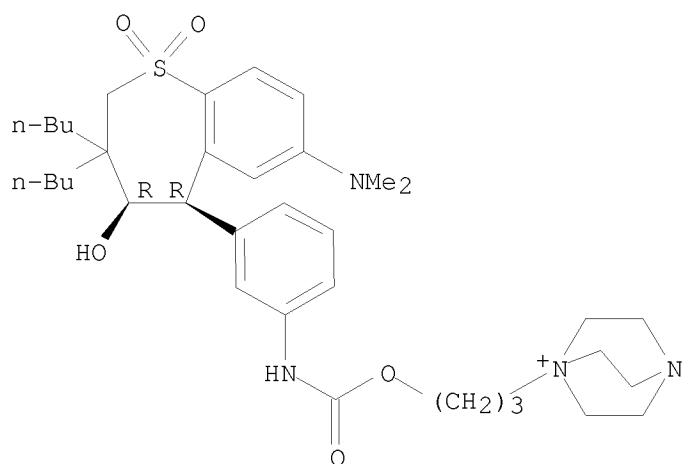
● Cl⁻

RN 1065228-07-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

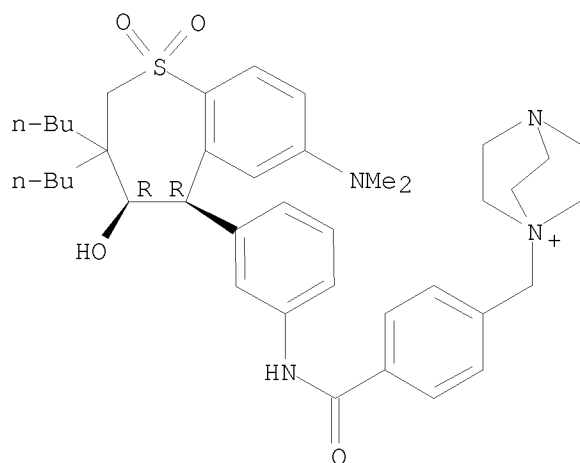
10/590,458



● Cl⁻

RN 1069134-21-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

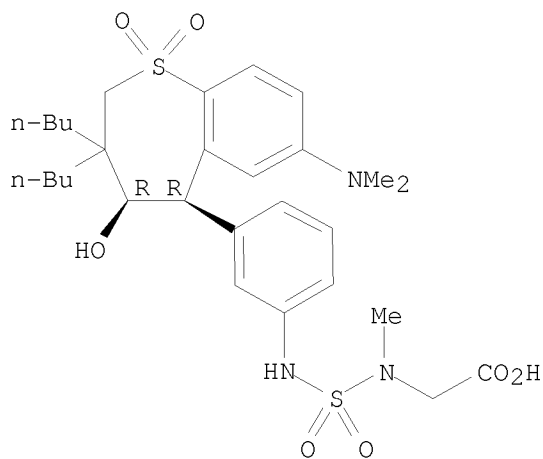


● Cl⁻

RN 1100646-97-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

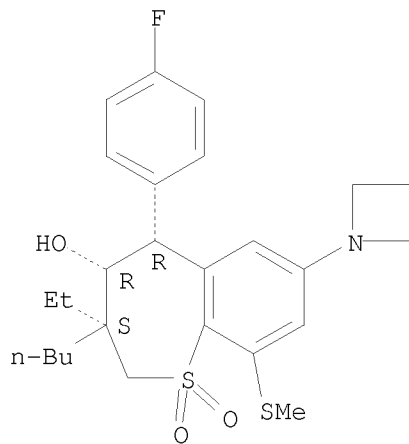
Absolute stereochemistry.

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RN 1100647-02-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

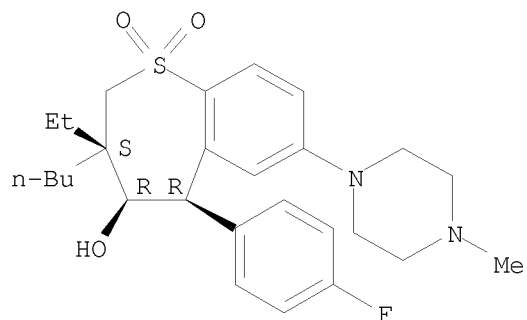
Absolute stereochemistry.



RN	1100647-06-0	CAPLUS
CN	1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)	

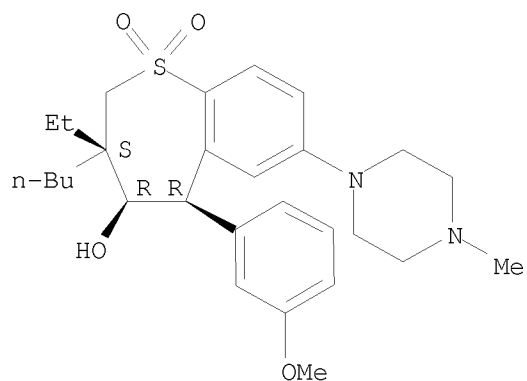
Absolute stereochemistry.

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RN 1100647-07-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

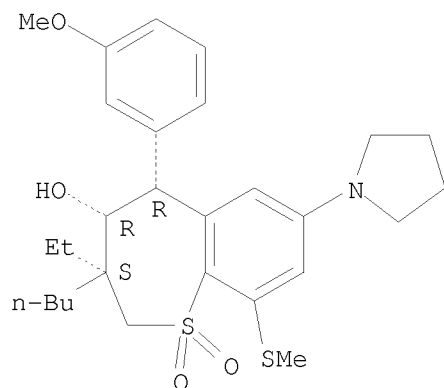
Absolute stereochemistry.



RN 1100647-08-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

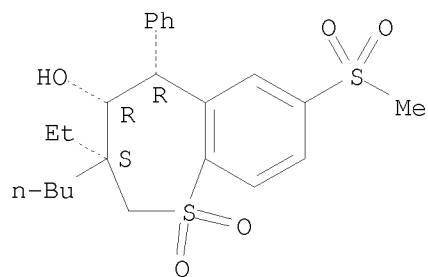
10/590,458



RN 1100647-09-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(methanesulfonyl)-5-phenyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

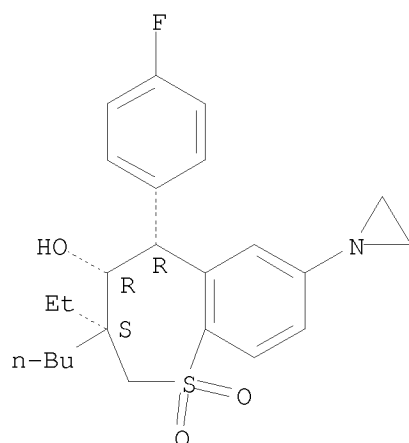
Absolute stereochemistry.



RN 1100647-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

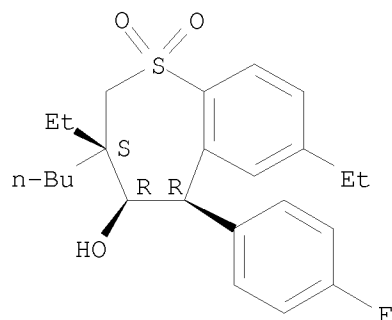
Absolute stereochemistry.



RN 1100647-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3,7-diethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT	178678-25-6P	178678-26-7P	178678-27-8P
	178678-46-1P	178897-97-7P	178898-00-5P
	178898-05-0P	197372-71-7P	197372-76-2P
	197372-77-3P	197372-78-4P	197373-42-5P
	197373-43-6P	197373-44-7P	197373-47-0P
	197373-49-2P	197373-50-5P	197373-51-6P
	197373-55-0P	197373-56-1P	197373-57-2P
	197373-58-3P	197375-48-7P	197375-49-8P
	289037-96-3P	289037-98-5P	

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

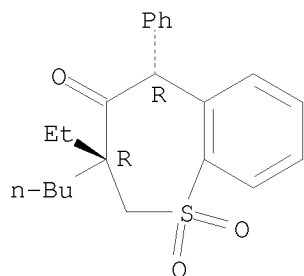
(hypolipemic agent; preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanal as ileal bile acid transport and taurocholate uptake inhibitors)

RN 178678-25-6 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-, 1,1-dioxide, (3R,5R)-rel- (CA INDEX NAME)

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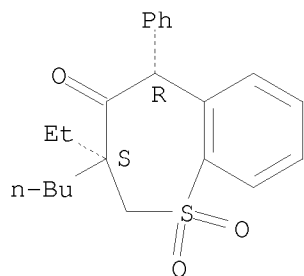
Relative stereochemistry.



RN 178678-26-7 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5S)-rel- (CA INDEX NAME)

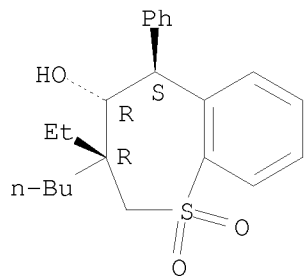
Relative stereochemistry.



RN 178678-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

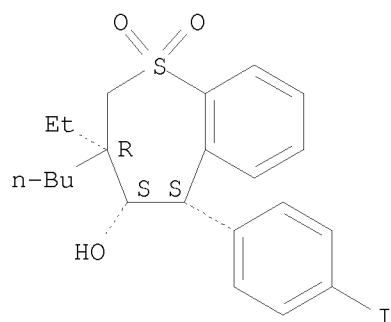


RN 178678-46-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-iodophenyl)-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

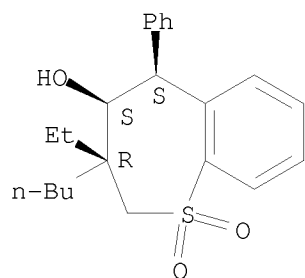
Relative stereochemistry.

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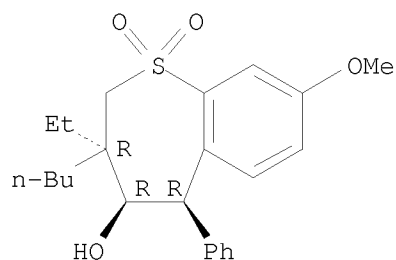
RN 178897-97-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



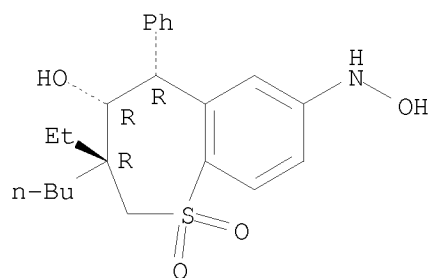
RN 178898-00-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178898-05-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

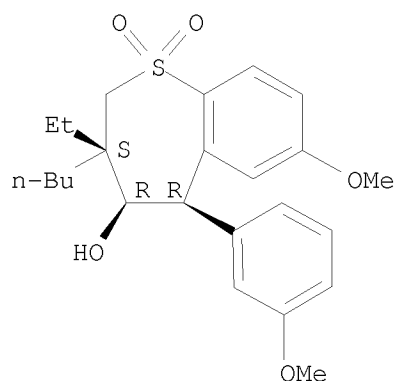
Relative stereochemistry.



RN 197372-71-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

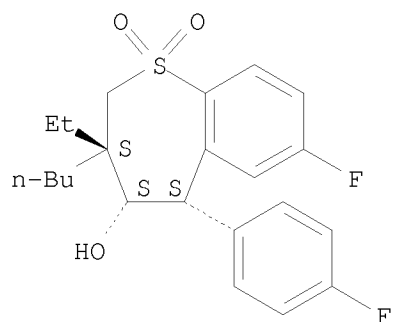
Relative stereochemistry.



RN 197372-76-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

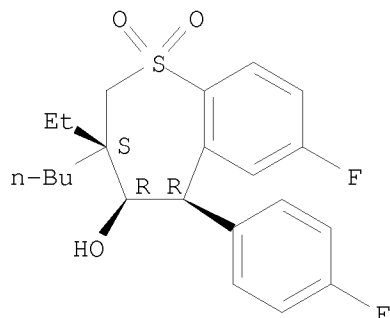


RN 197372-77-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

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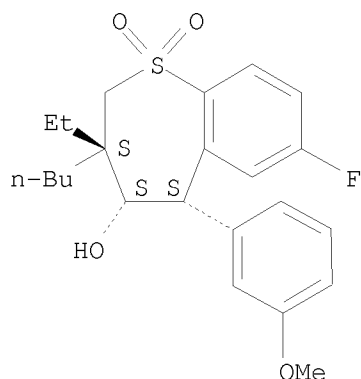
Relative stereochemistry.



RN 197372-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

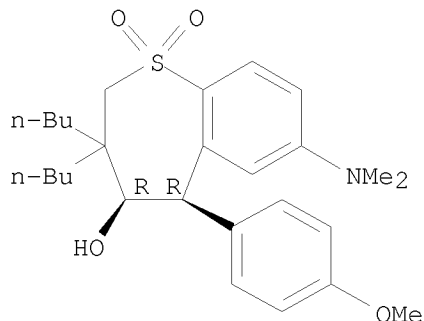
Relative stereochemistry.



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



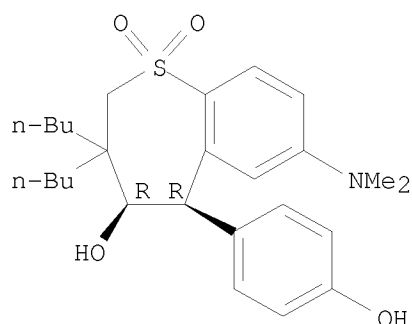
RN 197373-43-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-

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hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

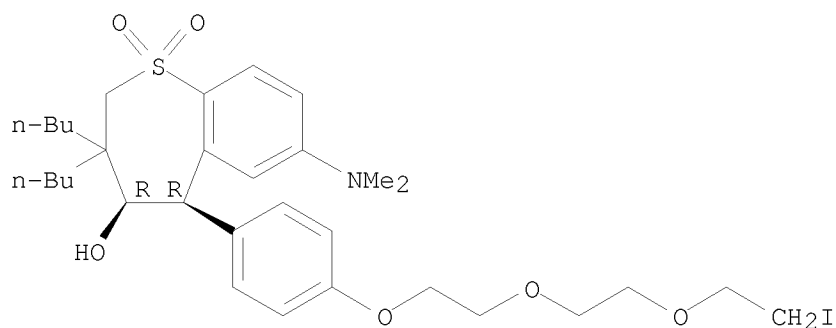
Relative stereochemistry.



RN 197373-44-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

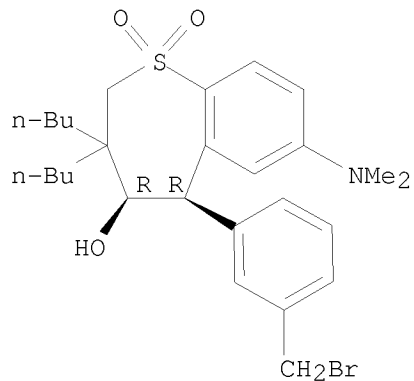


RN 197373-47-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

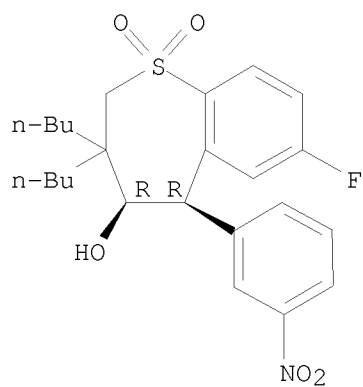
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RN 197373-49-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

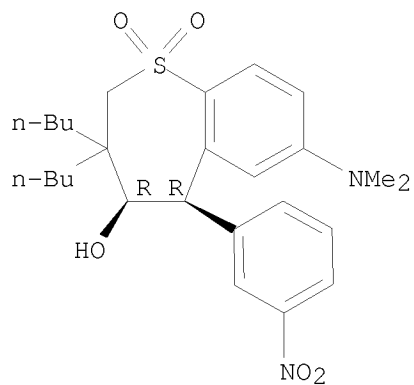
Relative stereochemistry.



RN 197373-50-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

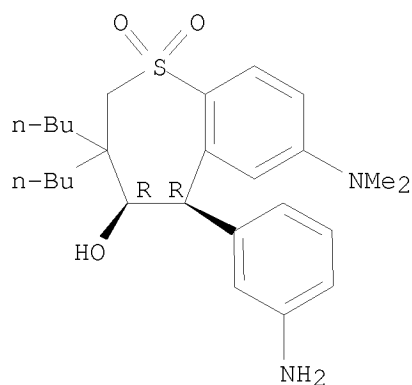


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RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

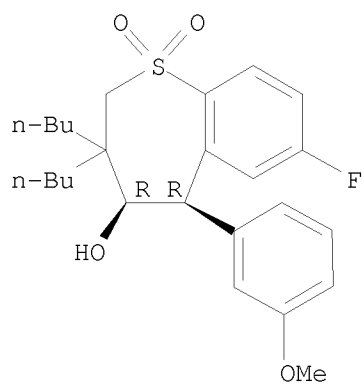
Relative stereochemistry.



RN 197373-55-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

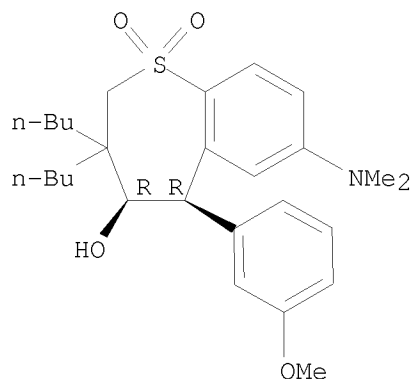


RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

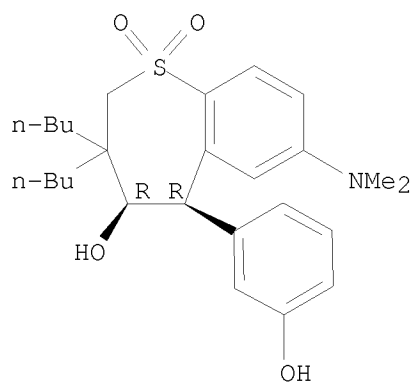
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RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

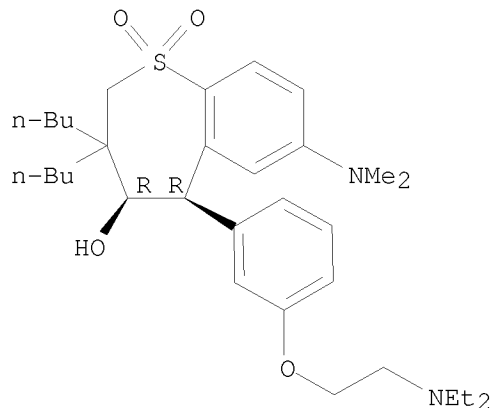


RN 197373-58-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-[2-(diethylamino)ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

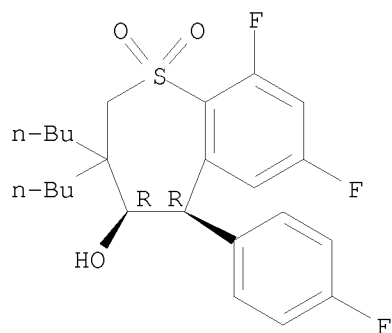
10/590,458



RN 197375-48-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

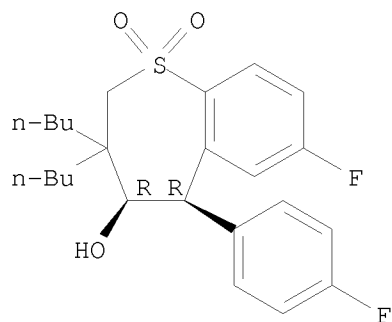
Relative stereochemistry.



RN 197375-49-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

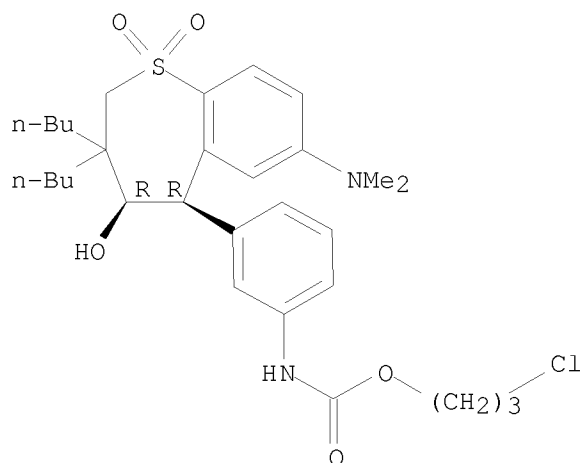


RN 289037-96-3 CAPLUS

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CN Carbamic acid, [3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, 3-chloropropyl ester, rel- (9CI) (CA INDEX NAME)

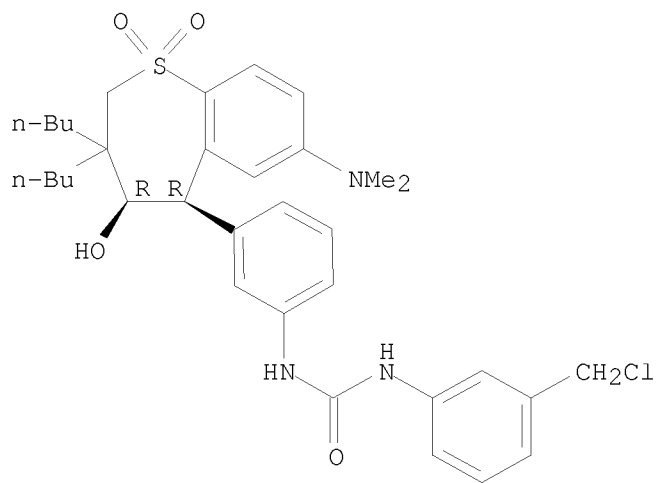
Relative stereochemistry.



RN 289037-98-5 CAPLUS

CN Urea, N-[3-(chloromethyl)phenyl]-N'-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



IT	178678-39-2P	178678-40-5P	178678-41-6P
	178678-42-7P	178678-43-8P	178678-44-9P
	178678-45-0P	178678-47-2P	178678-48-3P
	178678-54-1P	178897-95-5P	178897-96-6P
	178898-01-6P	178898-02-7P	178898-04-9P
	197372-69-3P	197372-70-6P	197372-72-8P
	197372-73-9P	197372-74-0P	197372-75-1P

197372-79-5P	197372-80-8P	197372-81-9P
197372-82-0P	197372-83-1P	197372-84-2P
197372-85-3P	197372-86-4P	197372-87-5P
197372-88-6P	197372-89-7P	197372-90-0P
197372-91-1P	197372-92-2P	197372-93-3P
197372-94-4P	197372-95-5P	197372-96-6P
197372-97-7P	197372-98-8P	197372-99-9P
197373-00-5P	197373-01-6P	197373-02-7P
197373-03-8P	197373-04-9P	197373-05-0P
197373-06-1P	197373-07-2P	197373-08-3P
197373-09-4P	197373-10-7P	197373-11-8P
197373-12-9P	197373-13-0P	197373-14-1P
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197373-48-1P	197373-54-9P	197373-59-4P
197373-60-7P	197373-61-8P	197373-62-9P
197373-63-0P	197373-64-1P	197373-66-3P
197373-67-4P	197373-68-5P	197373-69-6P
197373-70-9P	197373-71-0P	197373-72-1P
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197373-85-6P	197373-87-8P	197373-90-3P
197373-93-6P	197373-95-8P	197373-97-0P
197373-99-2P	197374-00-8P	197374-01-9P
197374-02-0P	197374-03-1P	197374-04-2P
197374-06-4P	197374-08-6P	197374-09-7P
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197374-38-2P	197374-39-3P	197374-40-6P
197374-41-7P	197374-43-9P	197374-44-0P
197374-46-2P	197374-47-3P	197374-49-5P
197374-50-8P	197374-51-9P	197374-52-0P
197374-53-1P	197374-54-2P	197374-55-3P
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197374-73-5P	197374-74-6P	197374-75-7P
197374-76-8P	197374-77-9P	197374-78-0P
197374-79-1P	197374-80-4P	197374-81-5P
197374-82-6P	197374-83-7P	197374-84-8P
197374-85-9P	197374-86-0P	197374-87-1P
197374-88-2P	197374-89-3P	197374-90-6P
197374-91-7P	197374-92-8P	197374-93-9P
197374-94-0P	197374-95-1P	197374-96-2P
197374-97-3P	197374-98-4P	197374-99-5P

197375-00-1P	197375-01-2P	197375-02-3P
197375-03-4P	197375-04-5P	197375-05-6P
197375-06-7P	197375-07-8P	197375-08-9P
197375-09-0P	197375-11-4P	197375-12-5P
197375-13-6P	197375-14-7P	197375-16-9P
197375-17-0P	197375-20-5P	197375-22-7P
197375-23-8P	197375-24-9P	197375-25-0P
197375-26-1P	197375-28-3P	197375-30-7P
197375-32-9P	197375-34-1P	197375-39-6P
197375-42-1P	197375-44-3P	197375-52-3P
197375-57-8P	197375-60-3P	197375-63-6P
197375-66-9P	197375-68-1P	197375-70-5P
197375-72-7P	197375-74-9P	197375-75-0P
197375-82-9P	197375-86-3P	

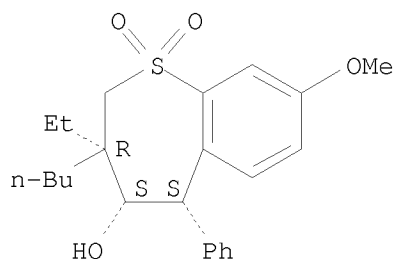
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(hypolipemic agent; preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 178678-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

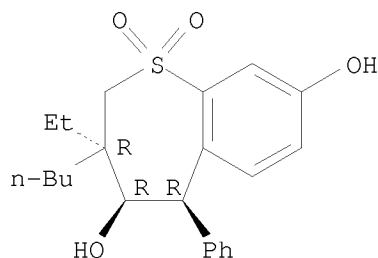
Relative stereochemistry.



RN 178678-40-5 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

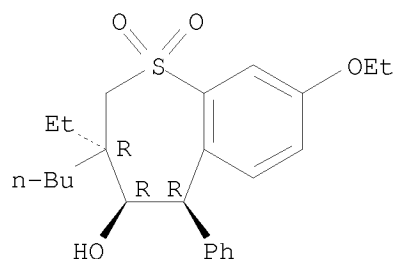


RN 178678-41-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

10/590,458

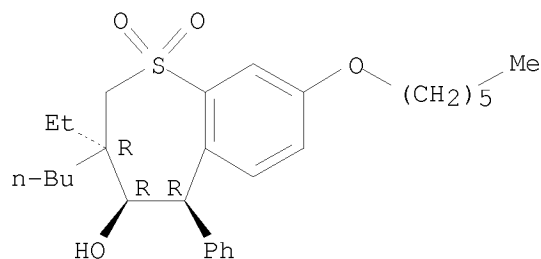
Relative stereochemistry.



RN 178678-42-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-8-(ethoxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

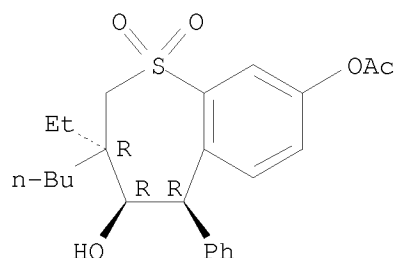
Relative stereochemistry.



RN 178678-43-8 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 8-acetate, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

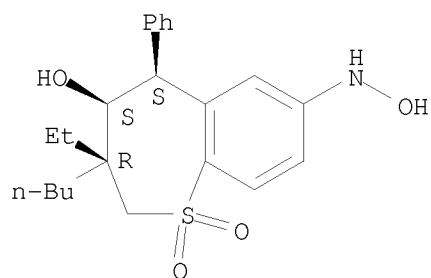


RN 178678-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

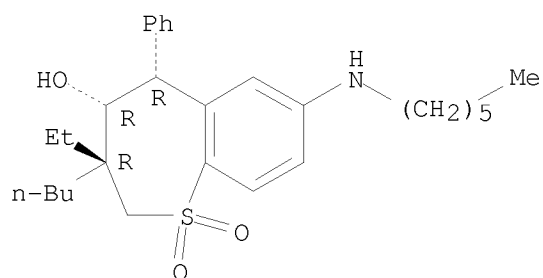
10/590,458



RN 178678-45-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

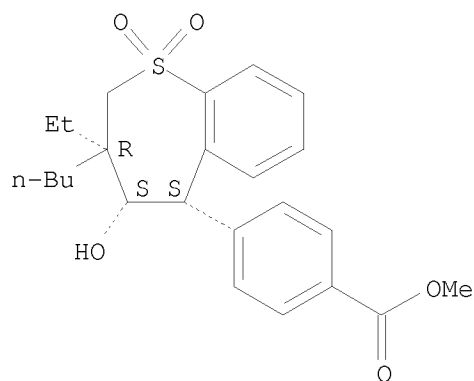
Relative stereochemistry.



RN 178678-47-2 CAPLUS

CN Benzoic acid, 4-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

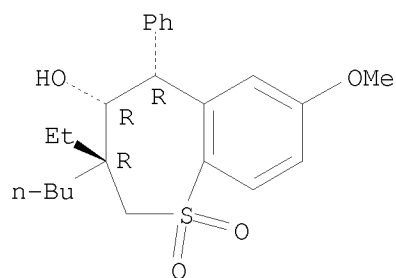


RN 178678-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

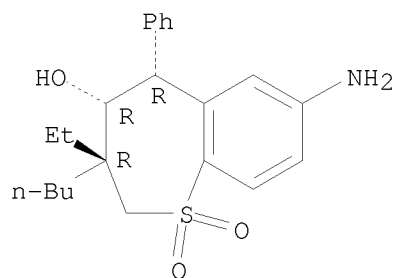
10/590,458



RN 178678-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

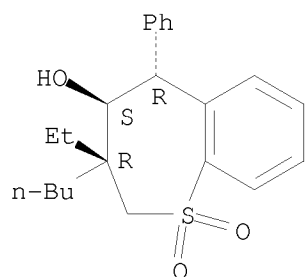
Relative stereochemistry.



RN 178897-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

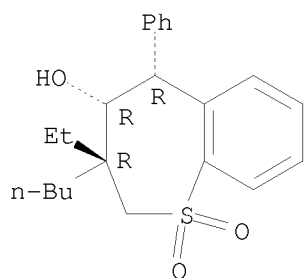


RN 178897-96-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

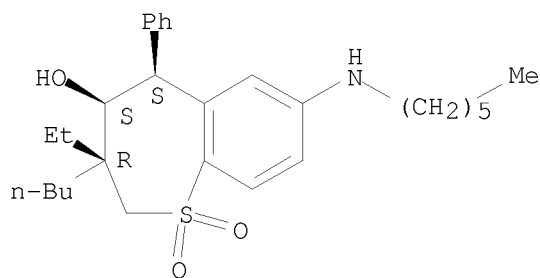
10/590,458



RN 178898-01-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

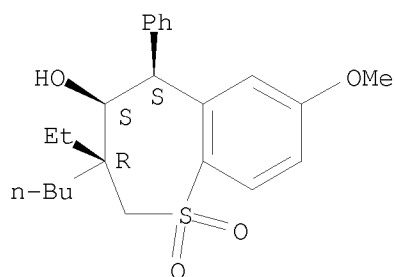
Relative stereochemistry.



RN 178898-02-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

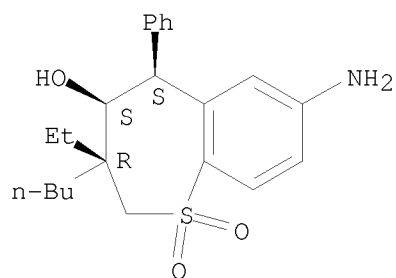
Relative stereochemistry.



RN 178898-04-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

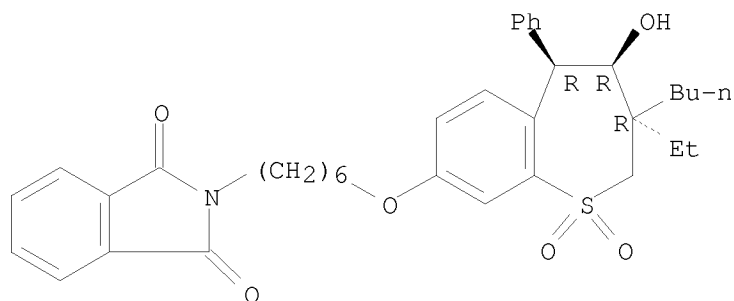
Relative stereochemistry.



RN 197372-69-3 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

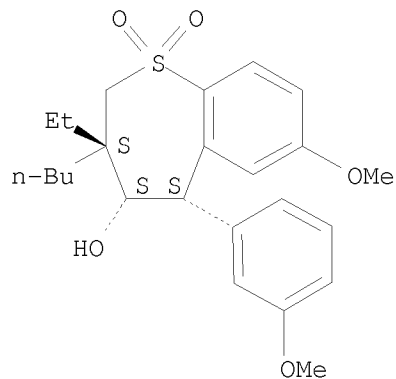
Relative stereochemistry.



RN 197372-70-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

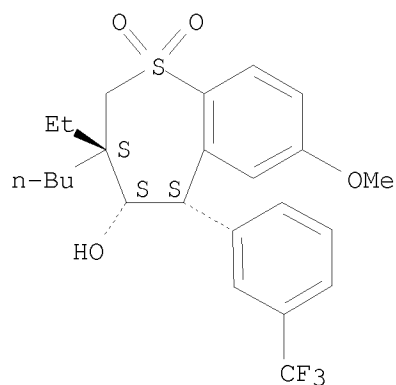


RN 197372-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

10/590,458

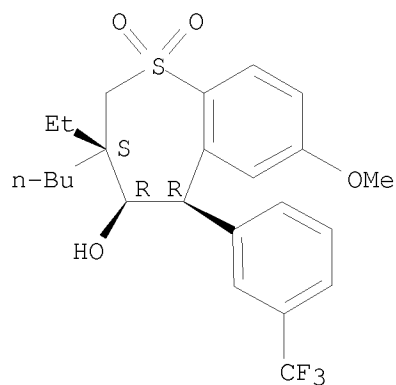
Relative stereochemistry.



RN 197372-73-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

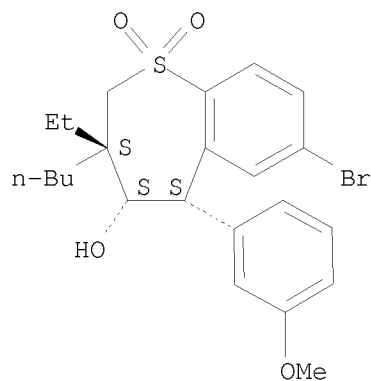


RN 197372-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

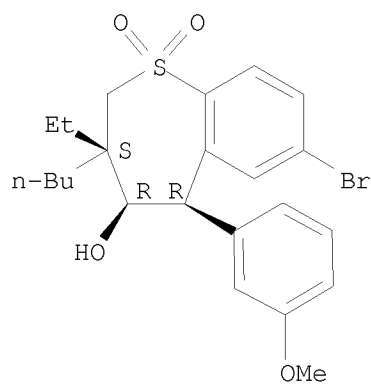
10/590,458



RN 197372-75-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

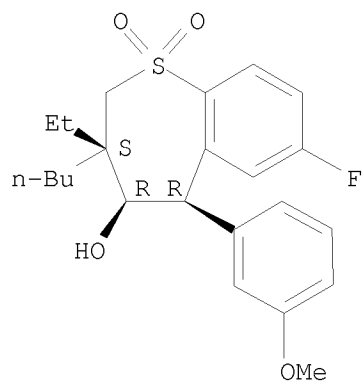
Relative stereochemistry.



RN 197372-79-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

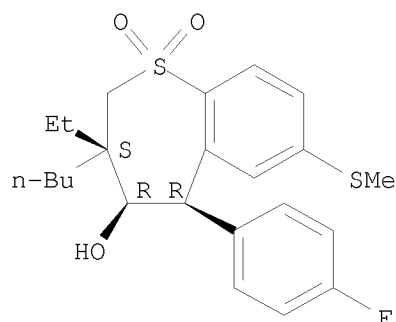
Relative stereochemistry.



RN 197372-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

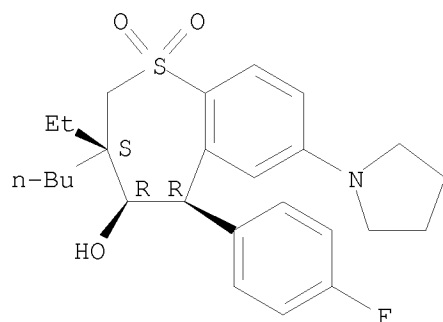
Relative stereochemistry.



RN 197372-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

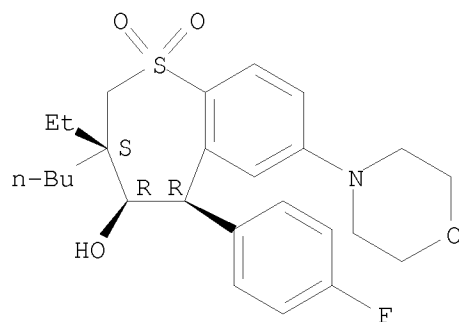
Relative stereochemistry.



RN 197372-82-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

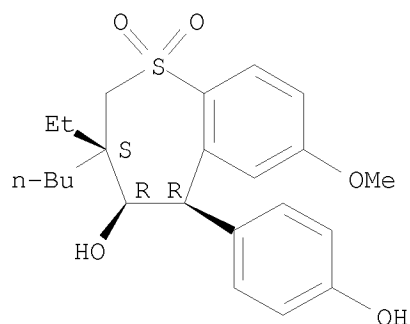
Relative stereochemistry.



RN 197372-83-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

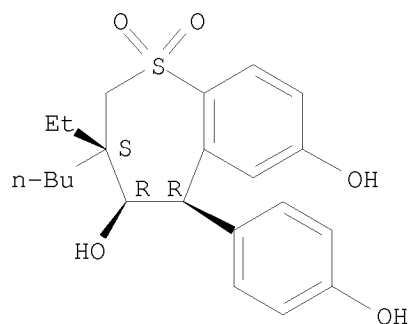
Relative stereochemistry.



RN 197372-84-2 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

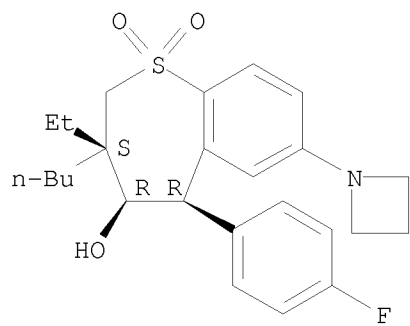
Relative stereochemistry.



RN 197372-85-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

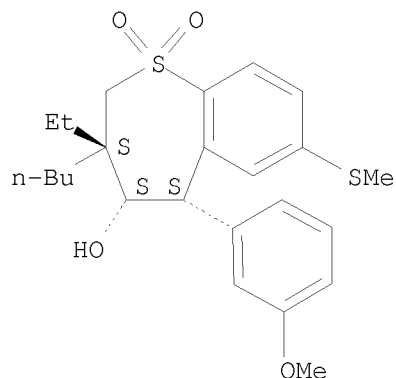


10/590,458

RN 197372-86-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

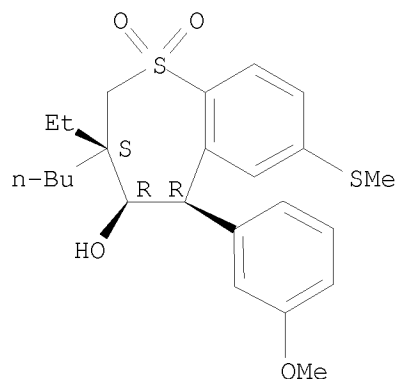
Relative stereochemistry.



RN 197372-87-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

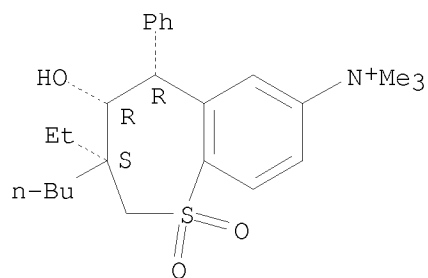


RN 197372-88-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

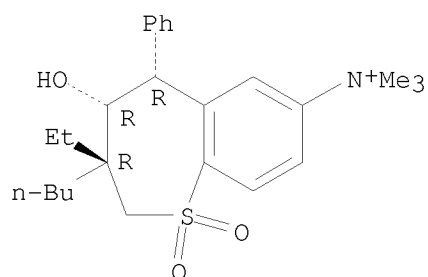
10/590,458



RN 197372-89-7 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4R,5R)-rel- (9CI) (CA INDEX NAME)

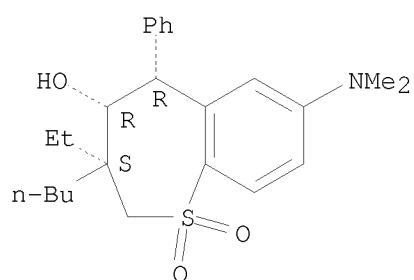
Relative stereochemistry.



RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

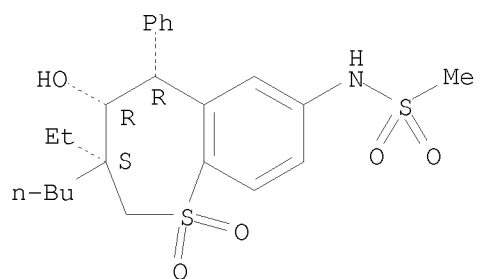


10/590,458

RN 197372-91-1 CAPLUS

CN Methanesulfonamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

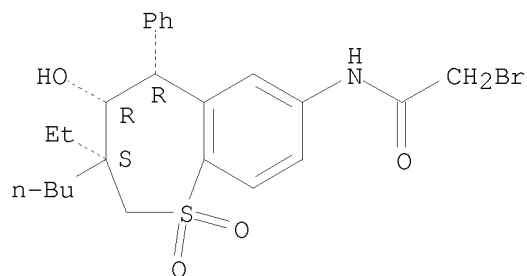
Relative stereochemistry.



RN 197372-92-2 CAPLUS

CN Acetamide, 2-bromo-N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

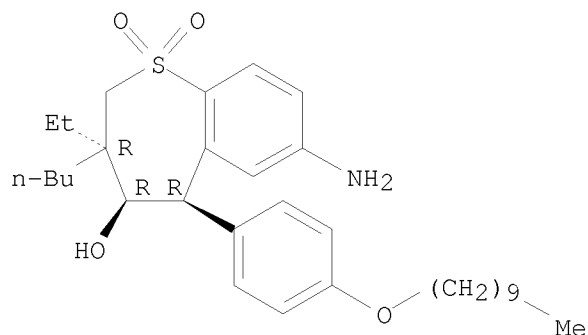
Relative stereochemistry.



RN 197372-93-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

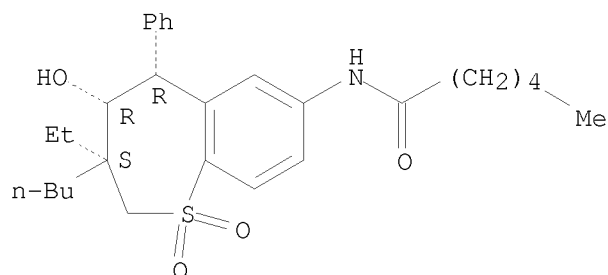


10/590,458

RN 197372-94-4 CAPLUS

CN Hexanamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

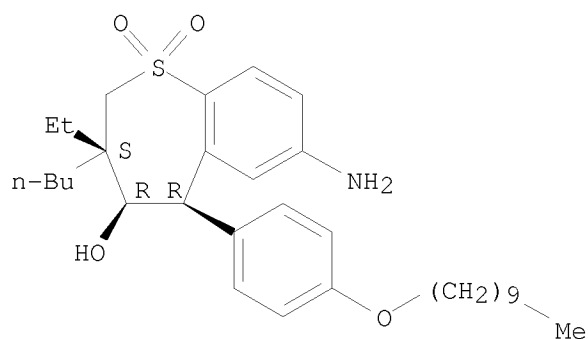
Relative stereochemistry.



RN 197372-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

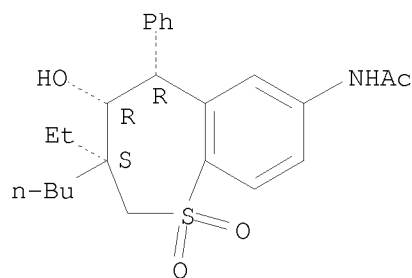
Relative stereochemistry.



RN 197372-96-6 CAPLUS

CN Acetamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

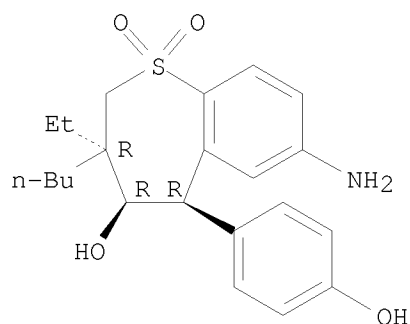


RN 197372-97-7 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

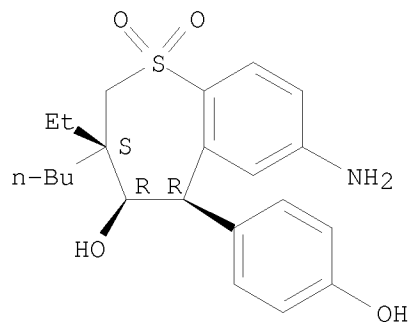
Relative stereochemistry.



RN 197372-98-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

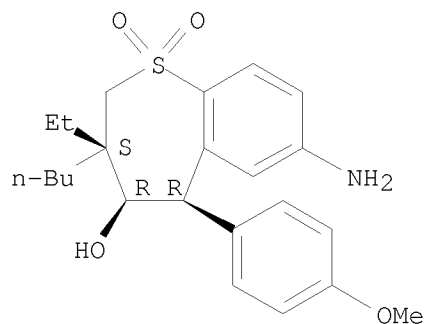
Relative stereochemistry.



RN 197372-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

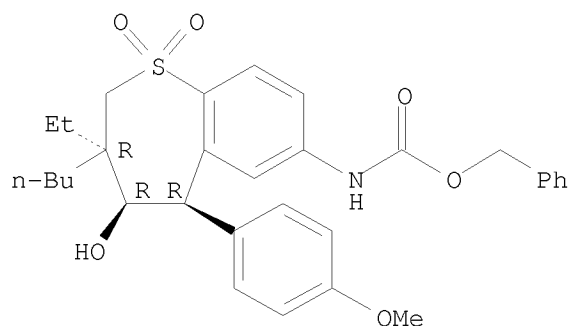


RN 197373-00-5 CAPLUS

10/590,458

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

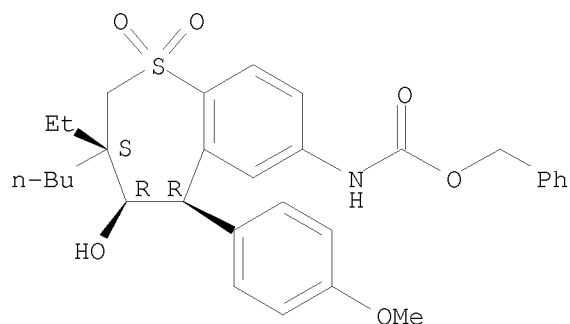
Relative stereochemistry.



RN 197373-01-6 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

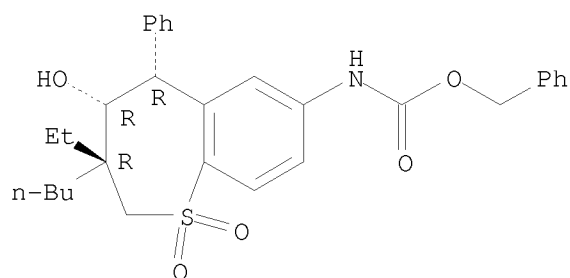
Relative stereochemistry.



RN 197373-02-7 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

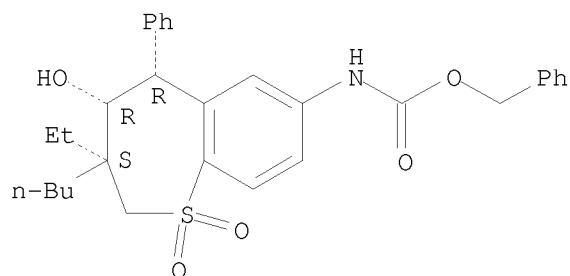


10/590,458

RN 197373-03-8 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

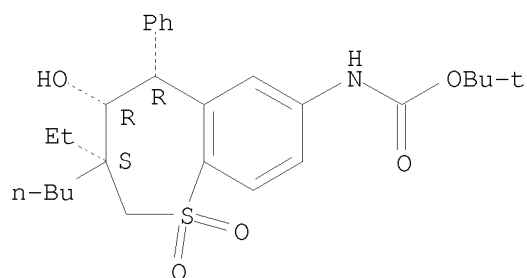
Relative stereochemistry.



RN 197373-04-9 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

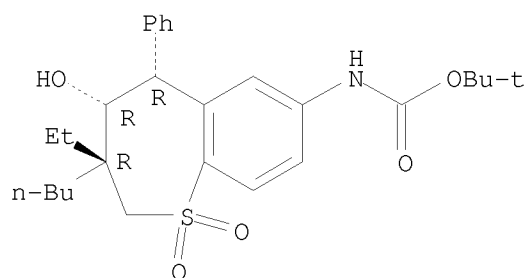
Relative stereochemistry.



RN 197373-05-0 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

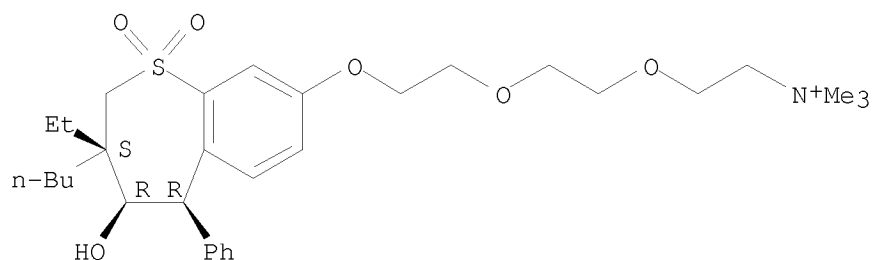


10/590,458

RN 197373-06-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

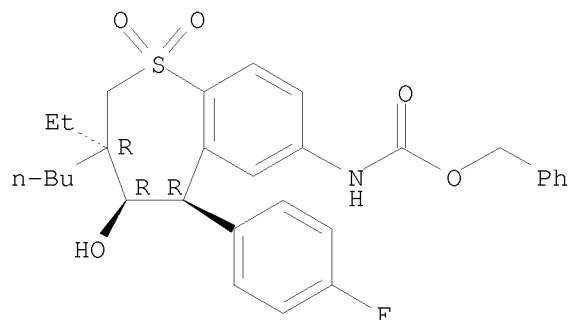
Relative stereochemistry.



RN 197373-07-2 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

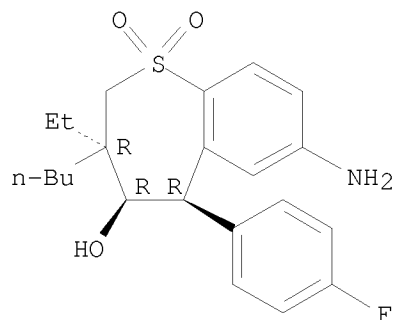
Relative stereochemistry.



RN 197373-08-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

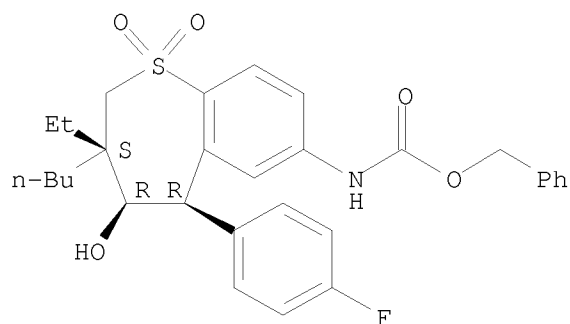
Relative stereochemistry.



RN 197373-09-4 CAPLUS

CN Carbamic acid, [(3R, 4S, 5S)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

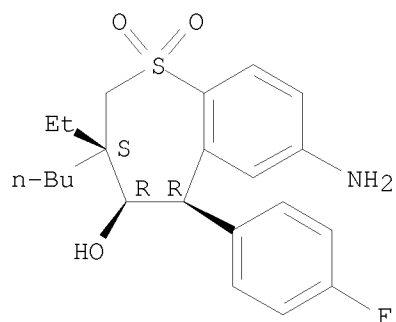
Relative stereochemistry.



RN 197373-10-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R, 4S, 5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

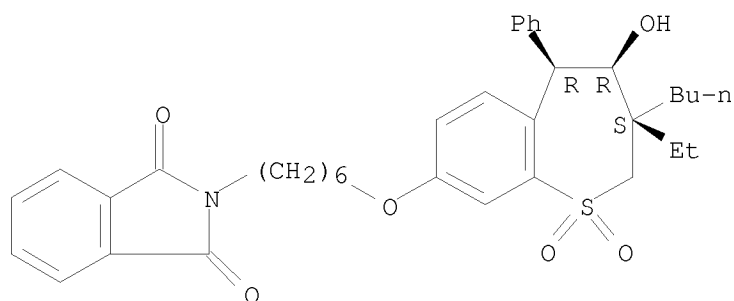


RN 197373-11-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R, 4S, 5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

10/590,458

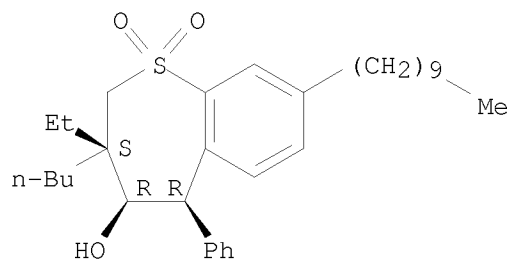
Relative stereochemistry.



RN 197373-12-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-decyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

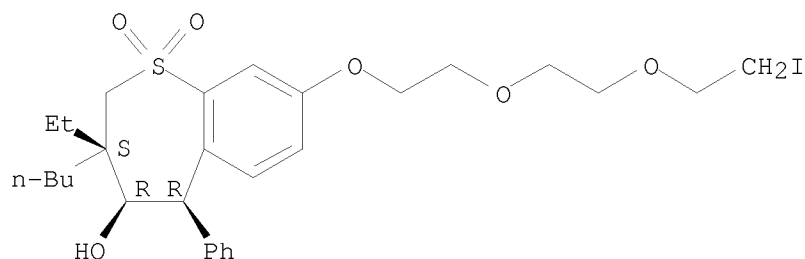
Relative stereochemistry.



RN 197373-13-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

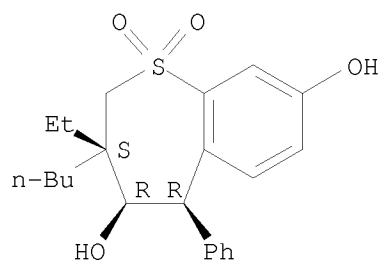


RN 197373-14-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

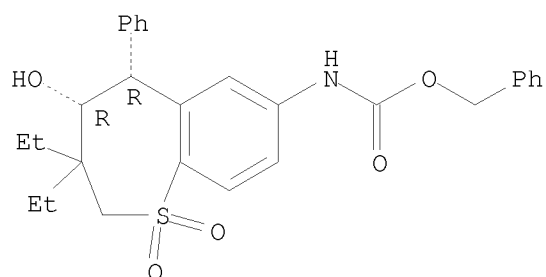
10/590,458



RN 197373-16-3 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

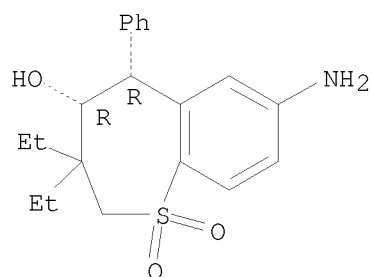
Relative stereochemistry.



RN 197373-17-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

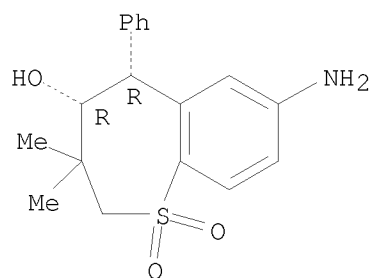


RN 197373-18-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

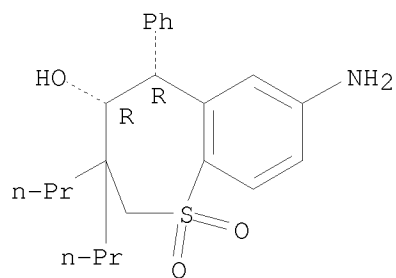
10/590,458



RN 197373-19-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

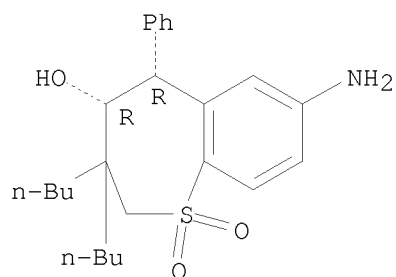
Relative stereochemistry.



RN 197373-20-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

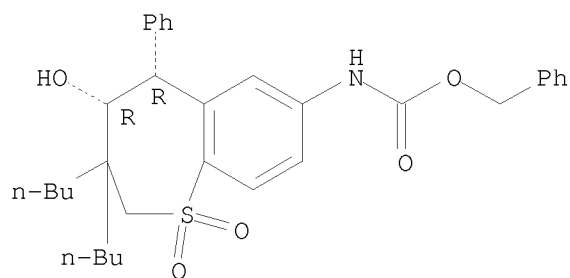


RN 197373-22-1 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

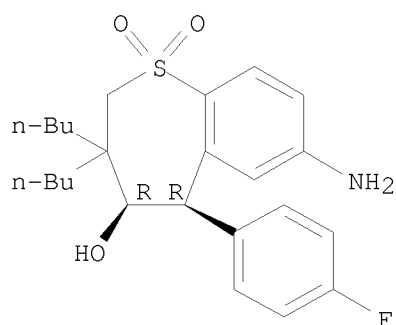
10/590,458



RN 197373-24-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

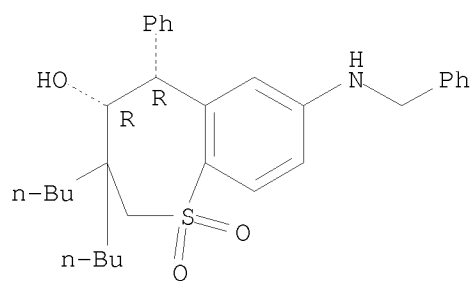
Relative stereochemistry.



RN 197373-25-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

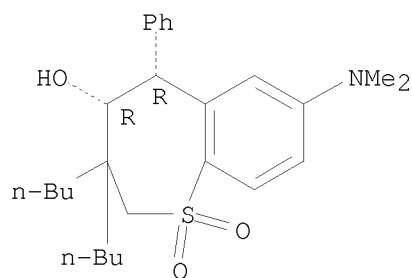


RN 197373-26-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

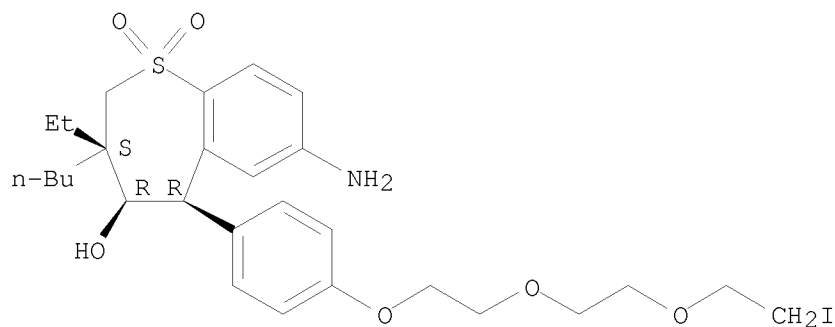
10/590,458



RN 197373-27-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

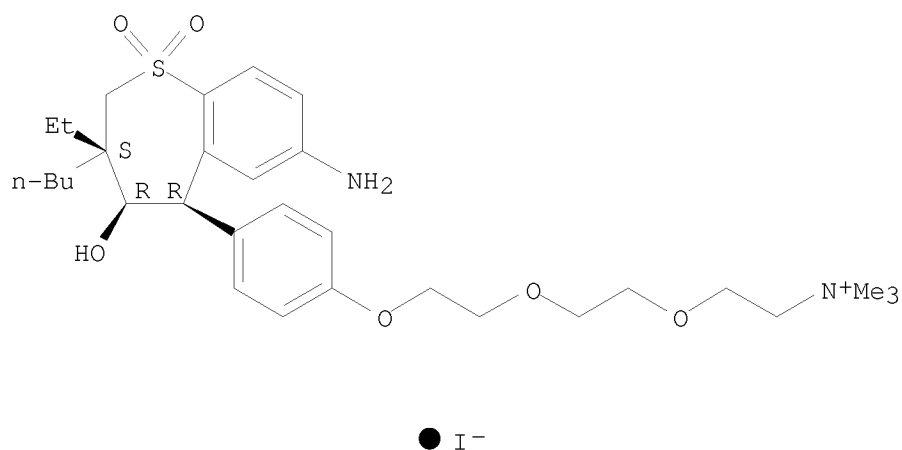


RN 197373-28-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

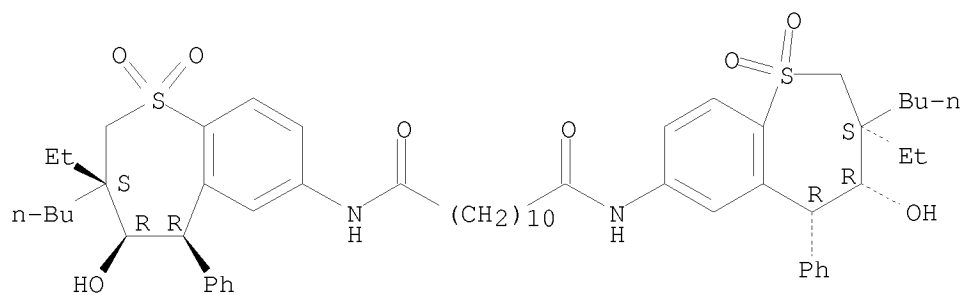
10/590,458



RN 197373-29-8 CAPLUS

CN Dodecanediamide, N1,N12-bis[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

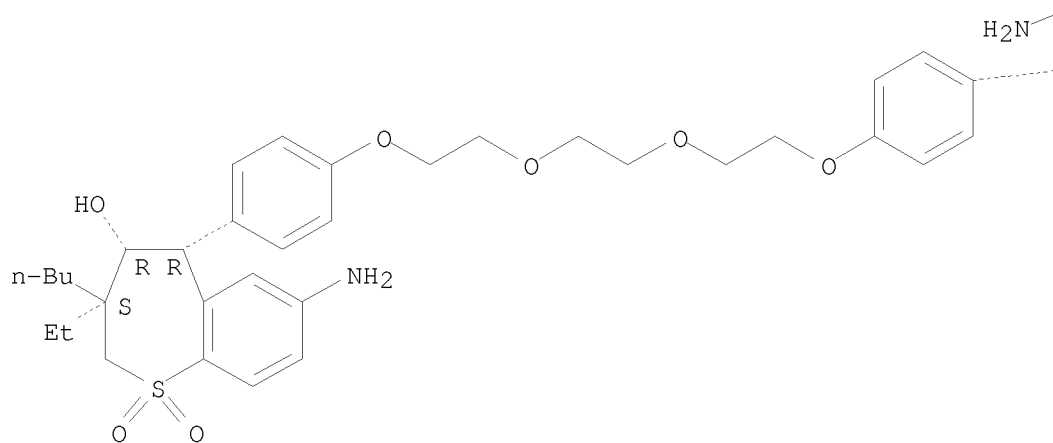


RN 197373-30-1 CAPLUS

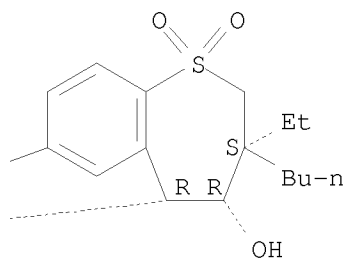
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy-4,1-phenylene]]bis[7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

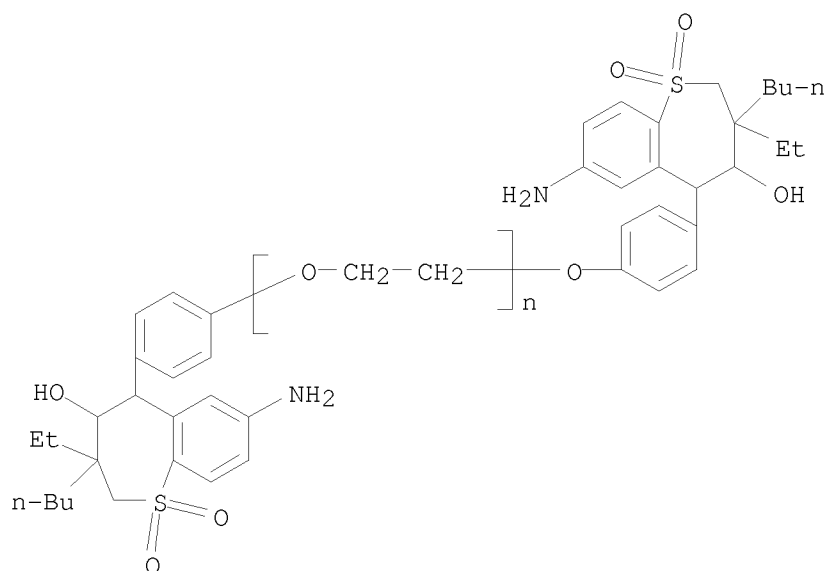
PAGE 1-A



PAGE 1-B

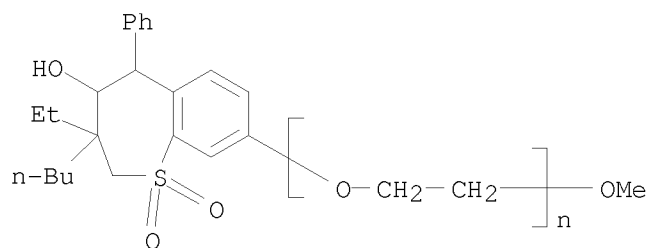


RN 197373-35-6 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (9CI) (CA INDEX NAME)



RN 197373-36-7 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[(3R,4S,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- ω -methoxy-, rel- (9CI) (CA INDEX NAME)

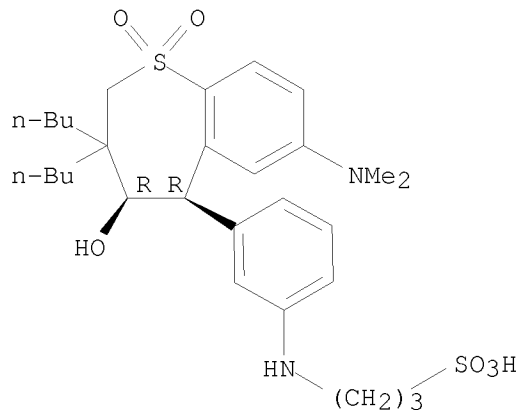


RN 197373-37-8 CAPLUS

CN 1-Propanesulfonic acid, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

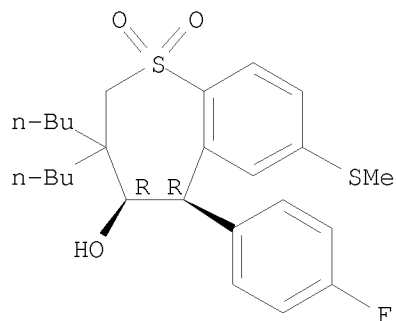
10/590,458



RN 197373-38-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

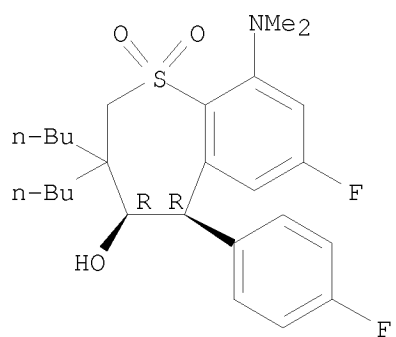
Relative stereochemistry.



RN 197373-39-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

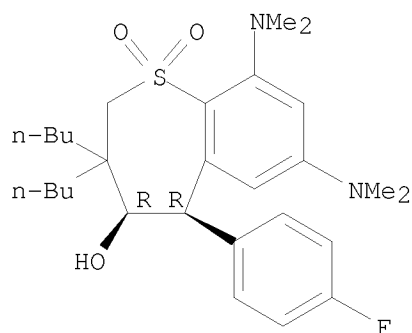


10/590,458

RN 197373-40-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

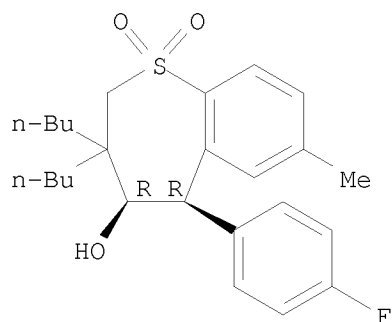
Relative stereochemistry.



RN 197373-41-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-
methyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

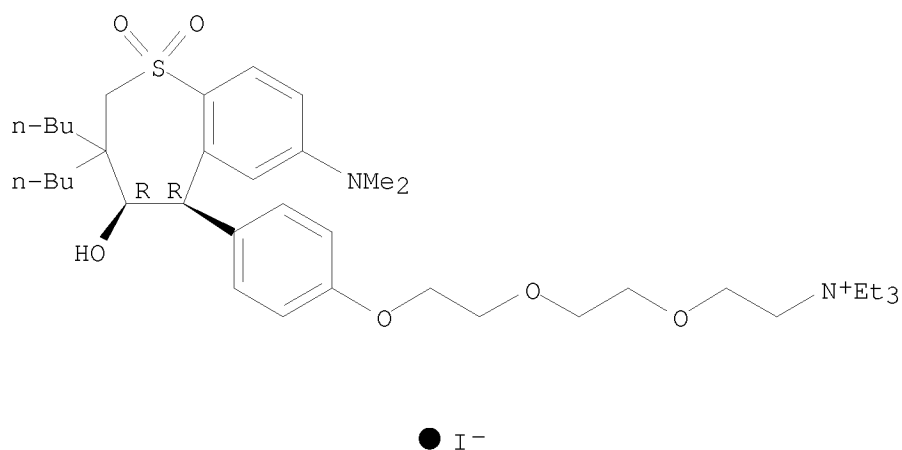


RN 197373-45-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX
NAME)

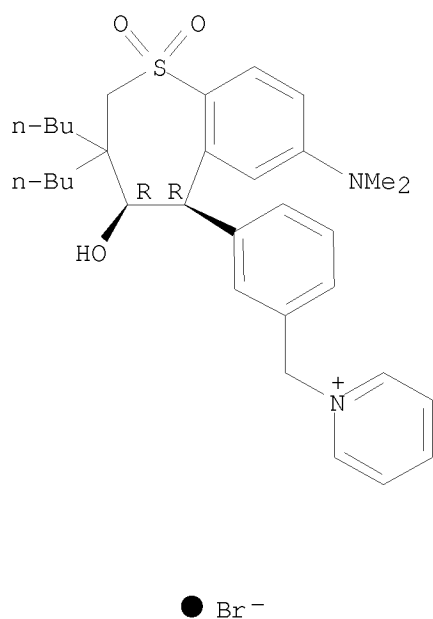
Relative stereochemistry.

10/590,458



RN 197373-48-1 CAPLUS
CN Pyridinium, 1-[[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

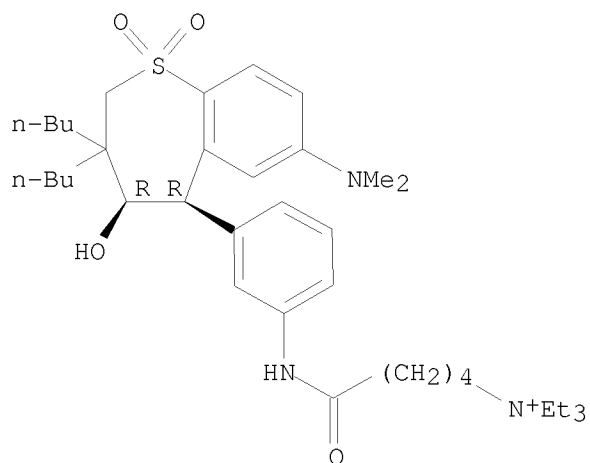


RN 197373-54-9 CAPLUS
CN 1-Pentanaminium, 5-[[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
CM 1

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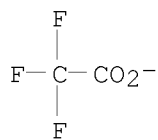
CRN 197373-53-8
CMF C37 H60 N3 O4 S

Relative stereochemistry.



CM 2

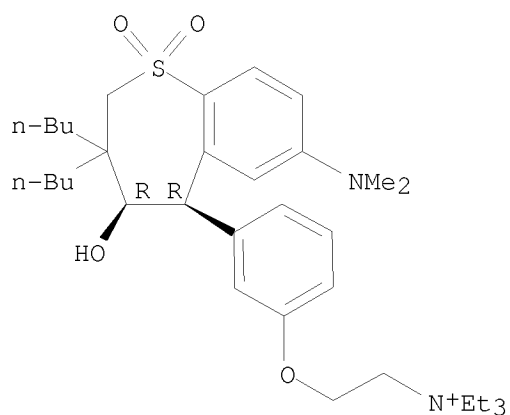
CRN 14477-72-6
CMF C2 F3 O2



RN 197373-59-4 CAPLUS
CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

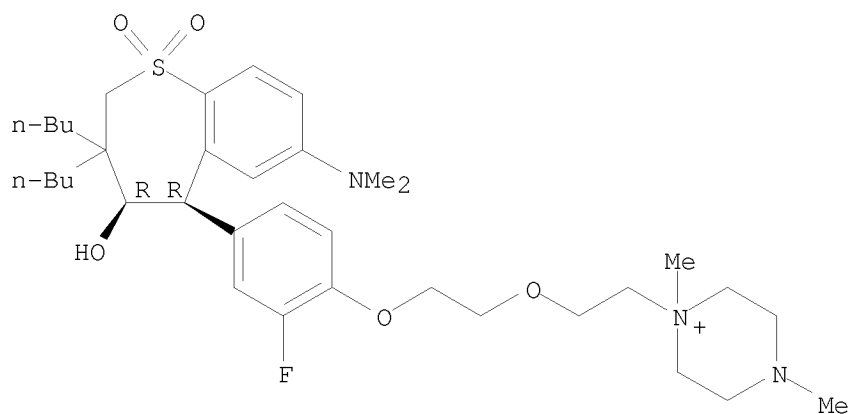
10/590,458



● I⁻

RN 197373-60-7 CAPLUS
CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

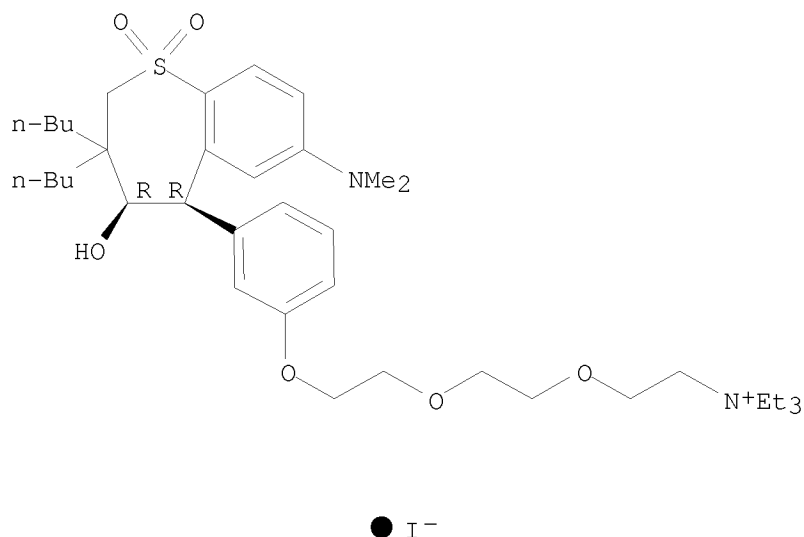


● Br⁻

RN 197373-61-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

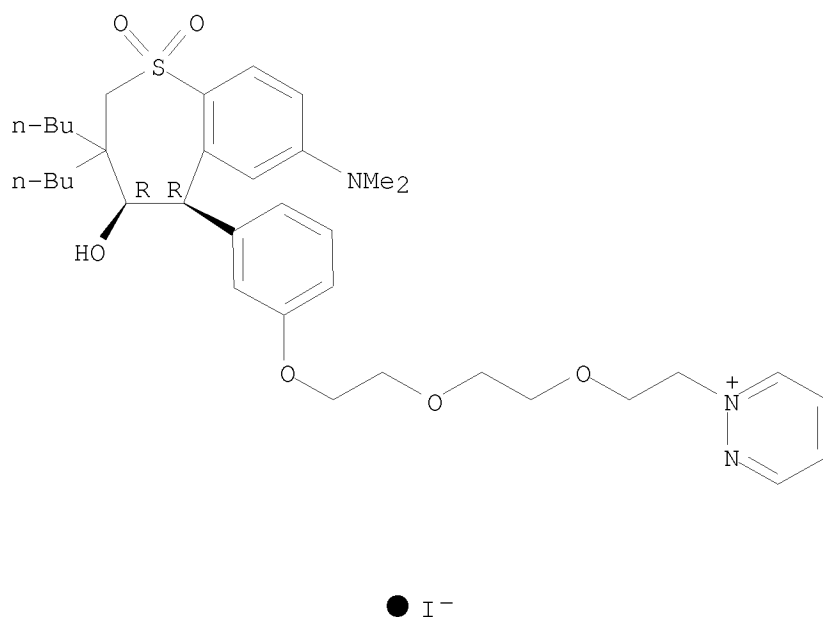
10/590,458

Relative stereochemistry.



RN 197373-62-9 CAPLUS
CN Pyridazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

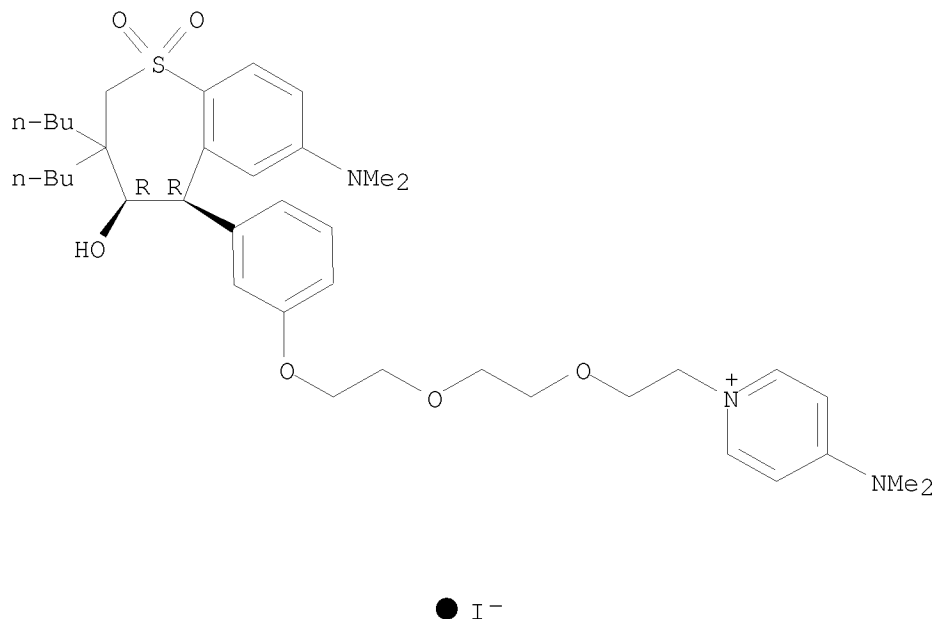


RN 197373-63-0 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(dimethylamino)-, iodide (1:1), rel-
(CA INDEX NAME)

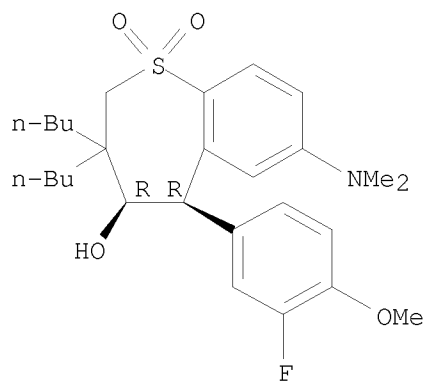
Relative stereochemistry.



RN 197373-64-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-66-3 CAPLUS

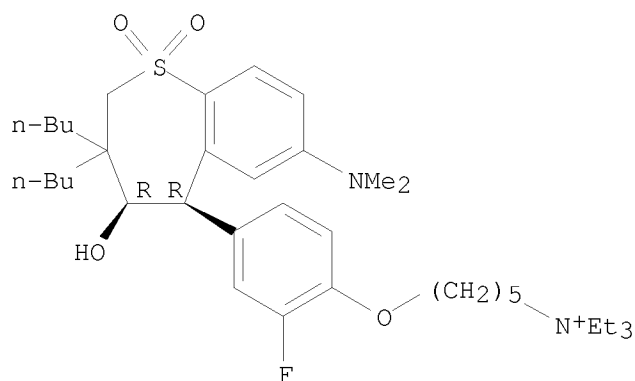
CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

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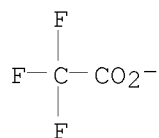
CRN 197373-65-2
CMF C37 H60 F N2 O4 S

Relative stereochemistry.



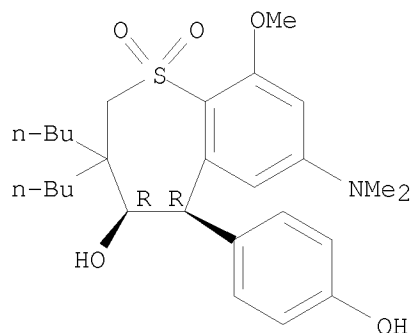
CM 2

CRN 14477-72-6
CMF C2 F3 O2



RN 197373-67-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-9-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

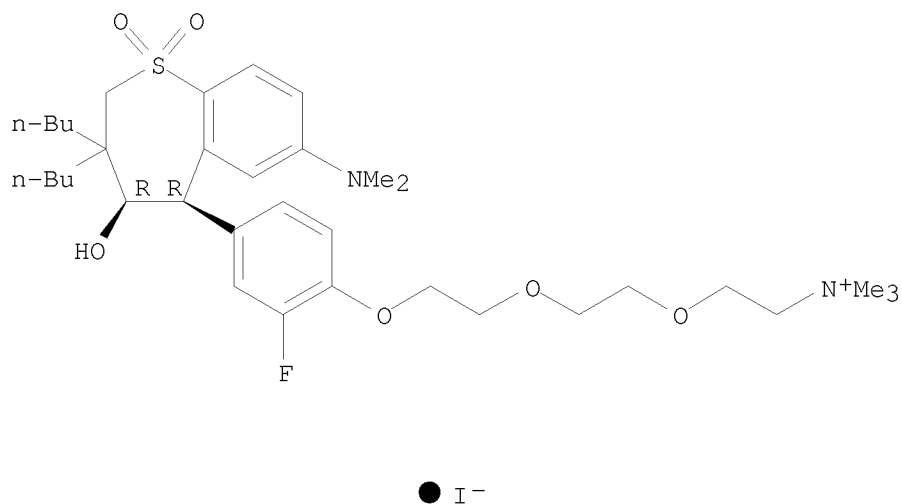


RN 197373-68-5 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

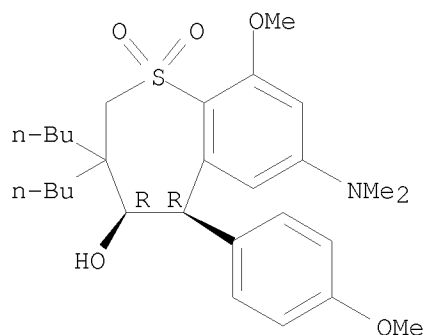


● I⁻

RN 197373-69-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-9-methoxy-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

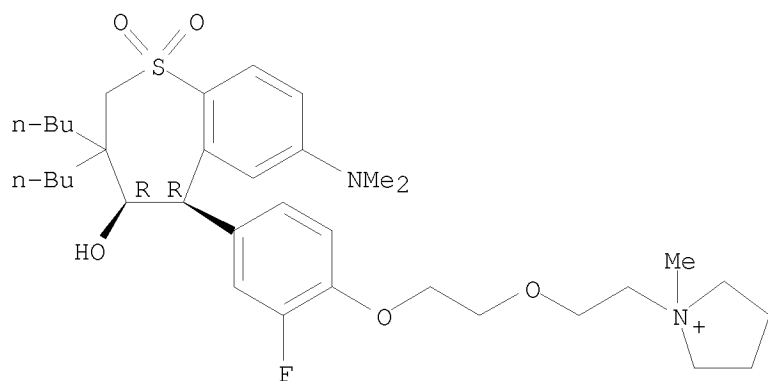


RN 197373-70-9 CAPLUS

CN Pyrrolidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-methyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

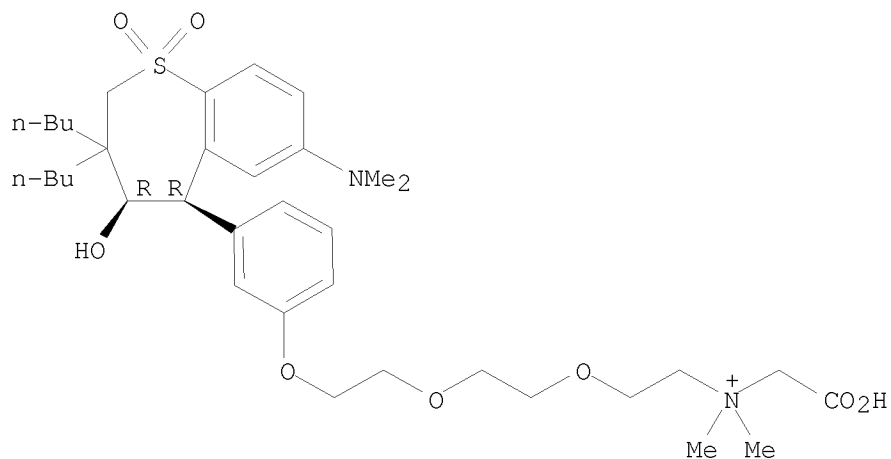
10/590,458



● Br⁻

RN 197373-71-0 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-hydroxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



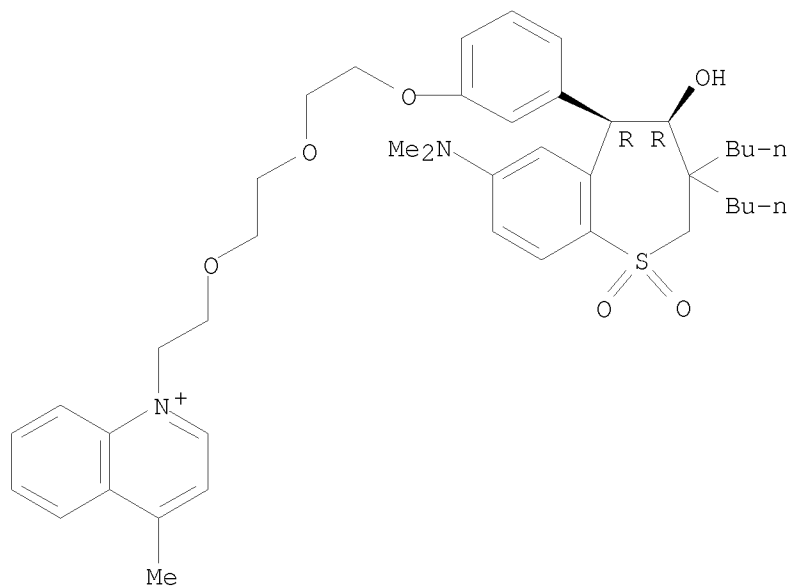
● I⁻

RN 197373-72-1 CAPLUS
CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

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Relative stereochemistry.

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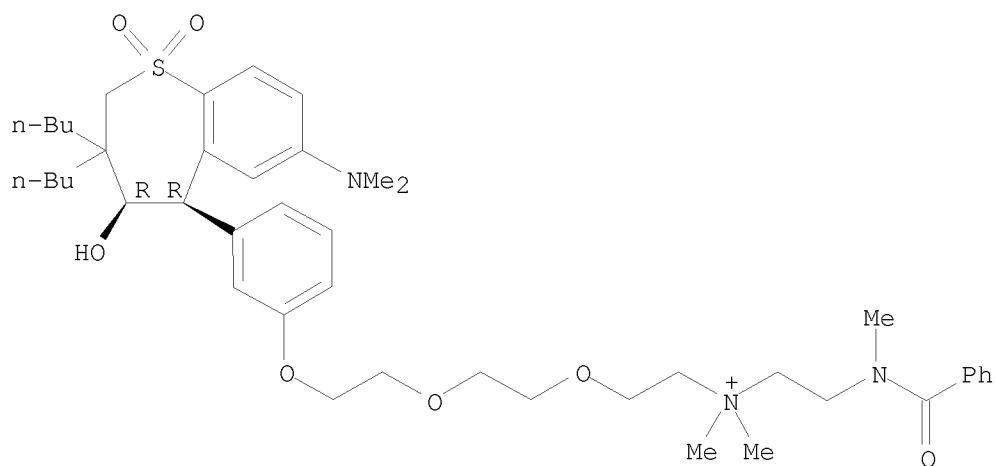


RN 197373-73-2 CAPLUS

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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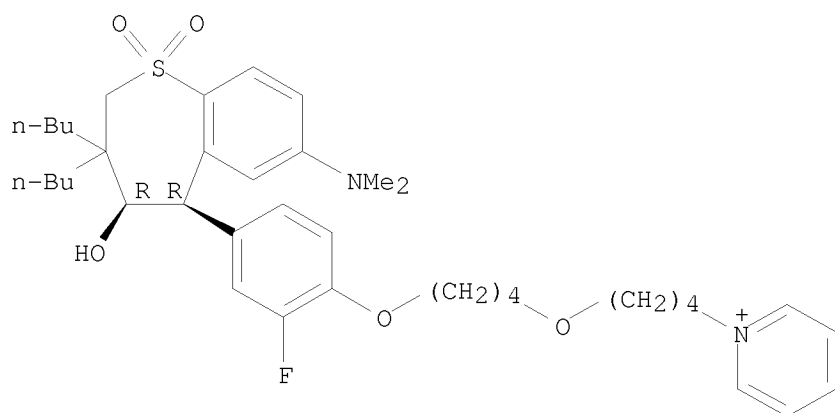


RN 197373-75-4 CAPLUS
CN Pyridinium, 1-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-74-3
CMF C39 H56 F N2 O5 S

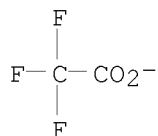
Relative stereochemistry.



CM 2

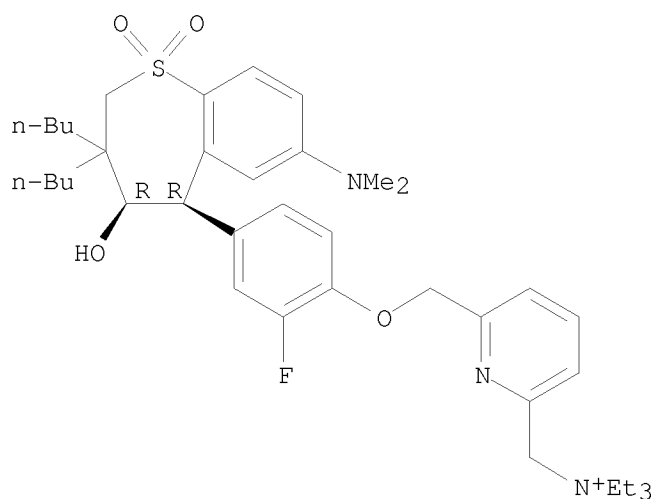
10/590,458

CRN 14477-72-6
CMF C2 F3 O2



RN	197373-76-5	CAPLUS
CN	2-Pyridinemethanaminium, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)	

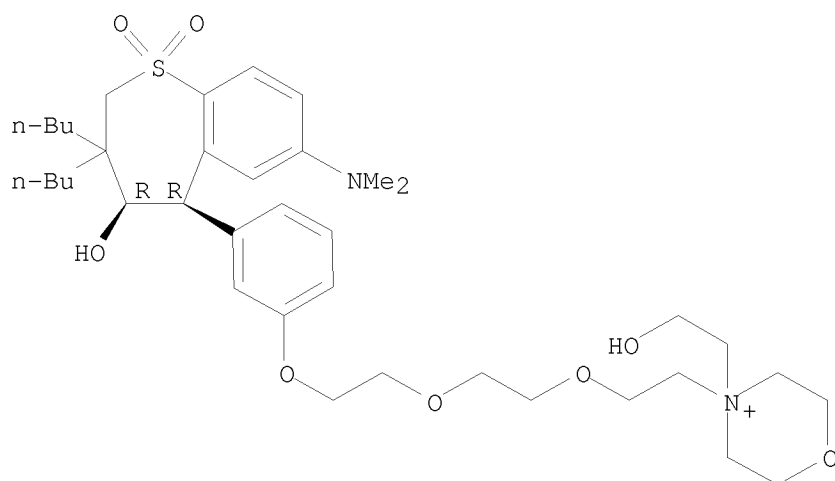
Relative stereochemistry.



RN	197373-77-6	CAPLUS
CN	Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(2-hydroxyethyl)-, iodide (1:1), rel-(CA INDEX NAME)	

Relative stereochemistry.

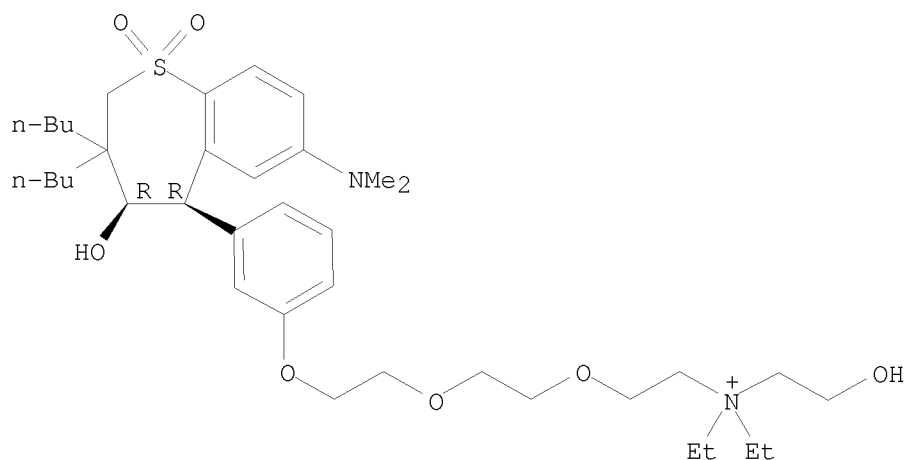
10/590,458



RN 197373-78-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



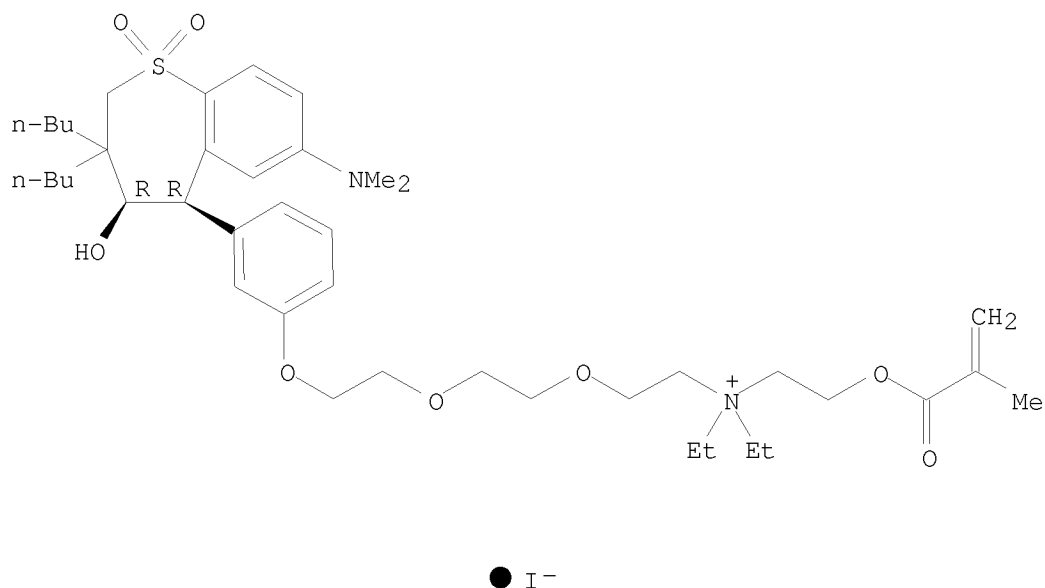
RN 197373-79-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-
N,N-diethyl-N-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-, iodide, rel-
(9CI) (CA INDEX NAME)

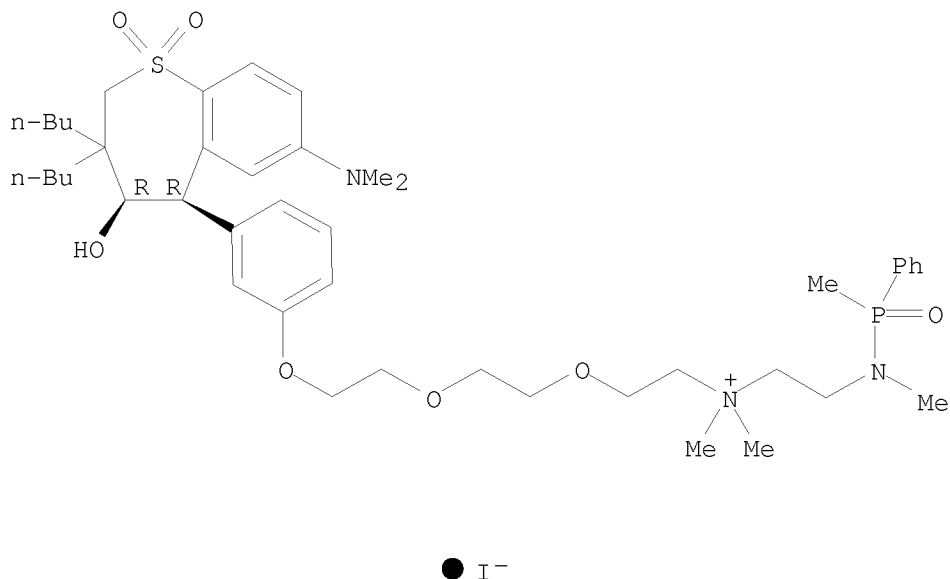
Relative stereochemistry.



RN 197373-80-1 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-
[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA
INDEX NAME)

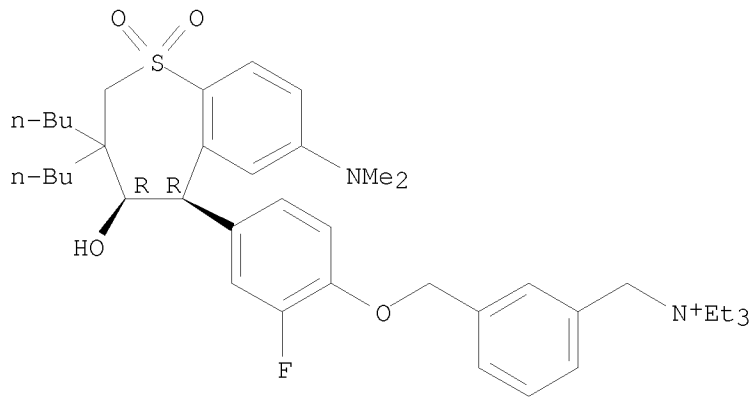
Relative stereochemistry.

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RN	197373-81-2	CAPLUS
CN	Benzenemethanaminium, 3-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-N,N,N-triethyl-, rel- (CA INDEX NAME)	

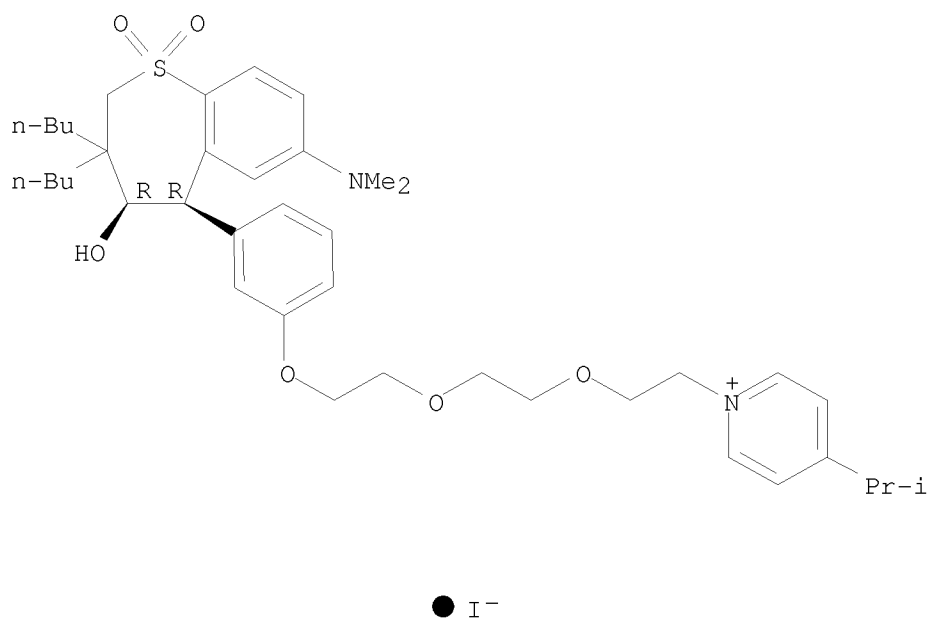
Relative stereochemistry.



RN	197373-83-4	CAPLUS
CN	Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-methylethyl)-, iodide (1:1), rel-(CA INDEX NAME)	

Relative stereochemistry.

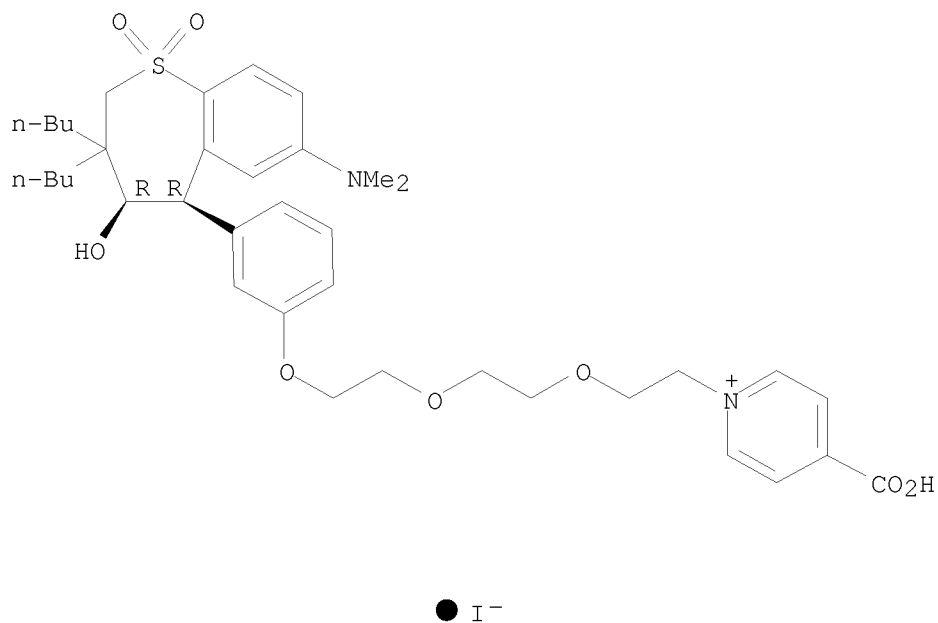
10/590,458



RN 197373-85-6 CAPLUS

CN Pyridinium, 4-carboxy-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

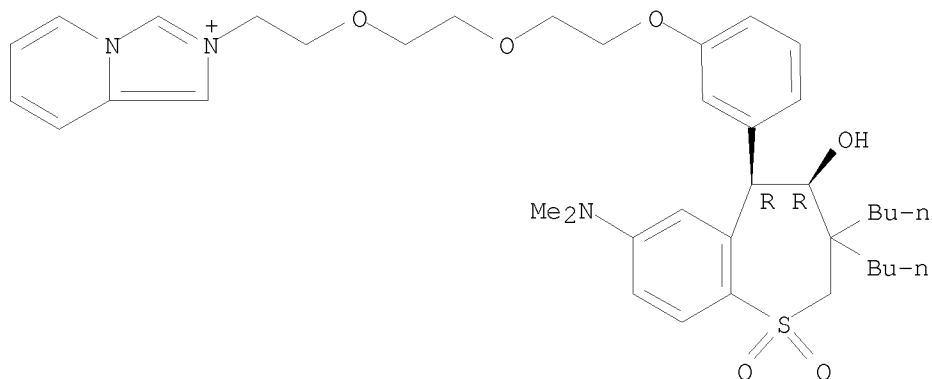


RN 197373-87-8 CAPLUS

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CN Imidazo[1,5-a]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



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RN 197373-90-3 CAPLUS

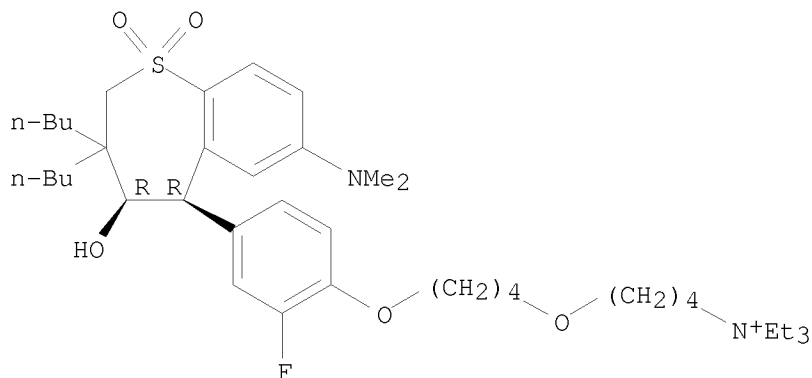
CN 1-Butanaminium, 4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

CRN 197373-89-0

CMF C40 H66 F N2 O5 S

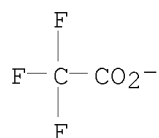
Relative stereochemistry.



CM 2

10/590,458

CRN 14477-72-6
CMF C2 F3 O2

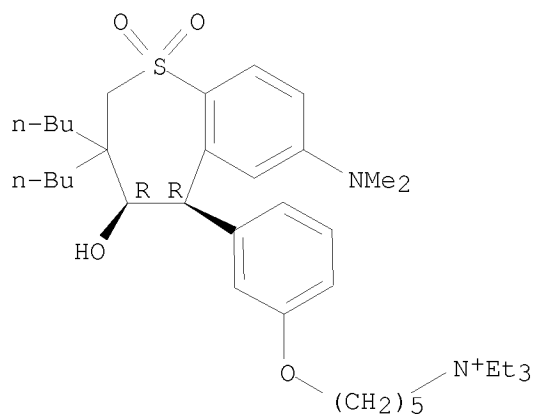


RN 197373-93-6 CAPLUS
CN 1-Pentanaminium, 5-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

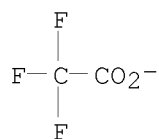
CRN 197373-92-5
CMF C37 H61 N2 O4 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

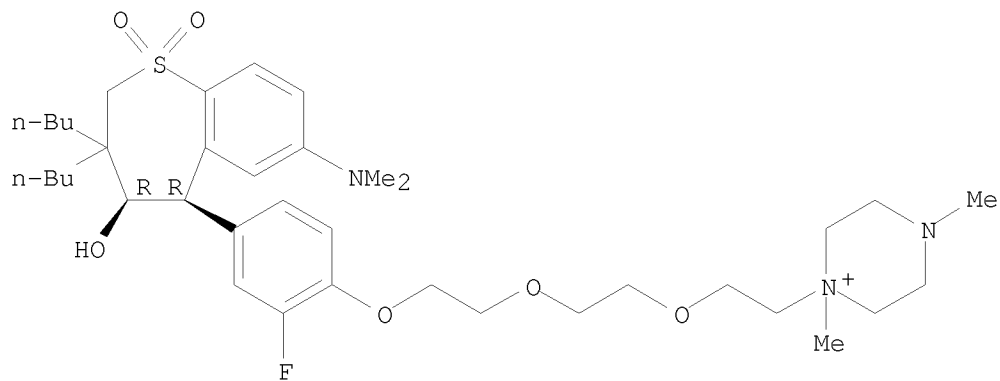


RN 197373-95-8 CAPLUS
CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA

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INDEX NAME)

Relative stereochemistry.

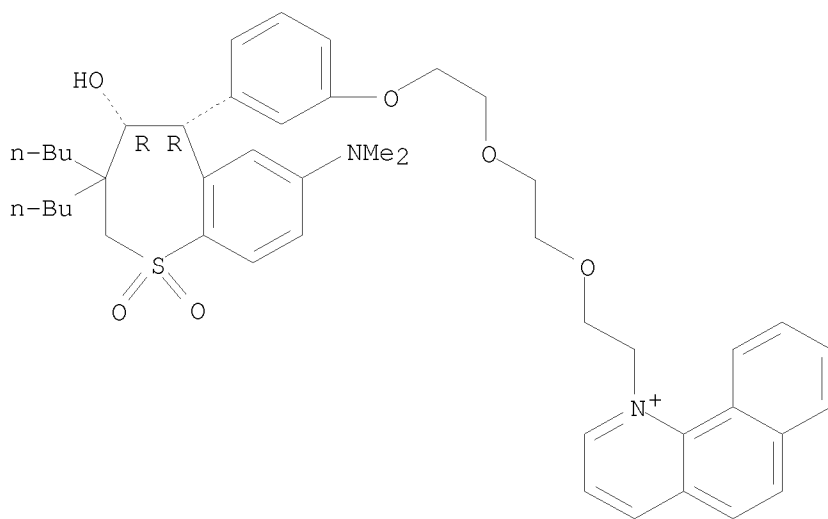


RN 197373-97-0 CAPLUS

CN Benzo[h]quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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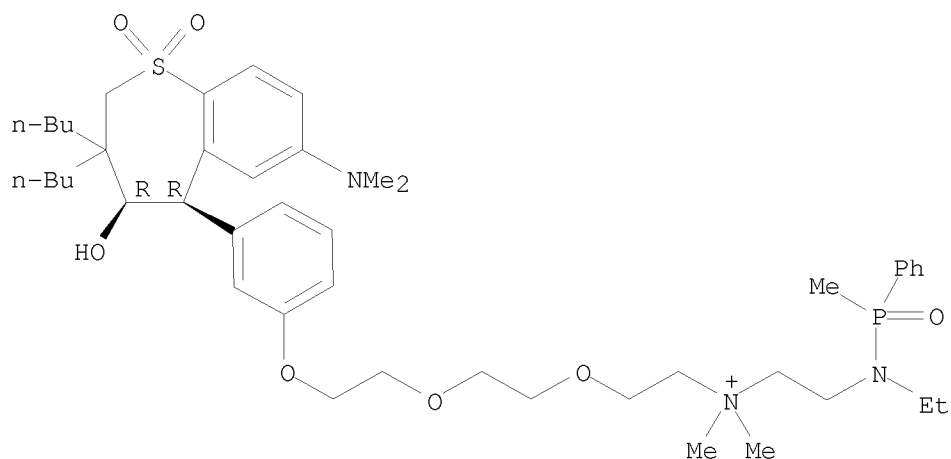




RN 197373-99-2 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(methylphenylphosphinyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

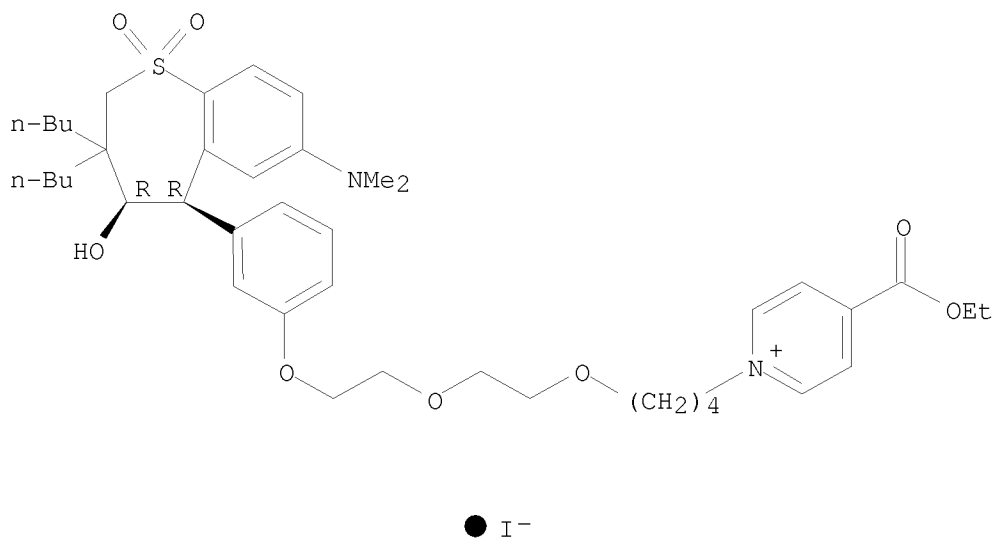


RN 197374-00-8 CAPLUS

CN Pyridinium, 1-[4-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]butyl]-4-(ethoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

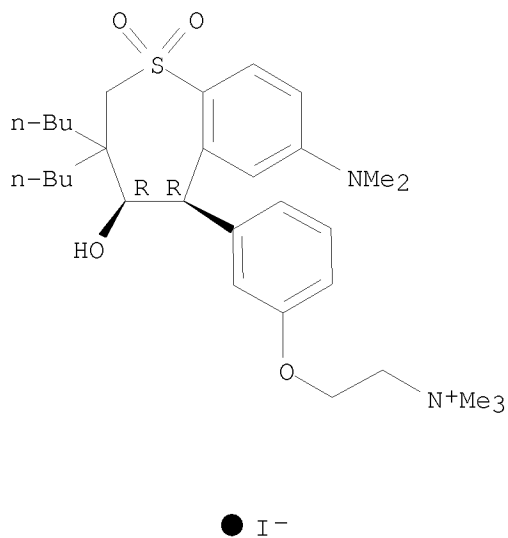
Relative stereochemistry.

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RN	197374-01-9	CAPLUS
CN	Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)	

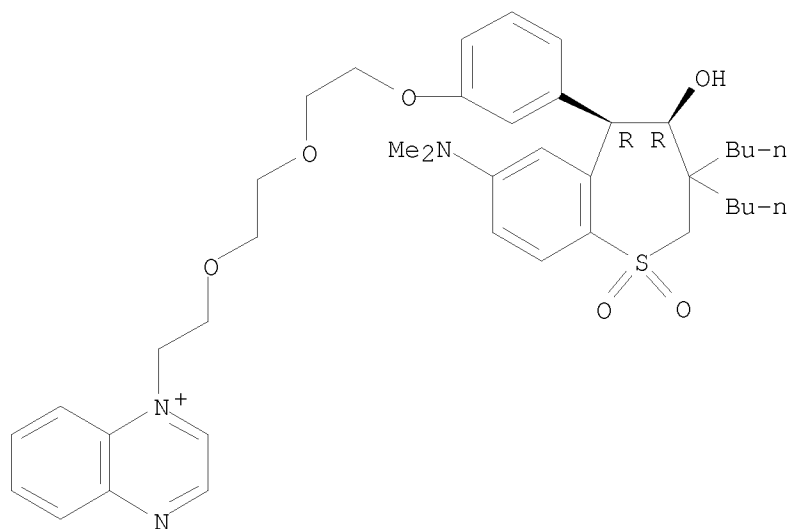
Relative stereochemistry.



RN	197374-02-0	CAPLUS
CN	Quinoxalinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.

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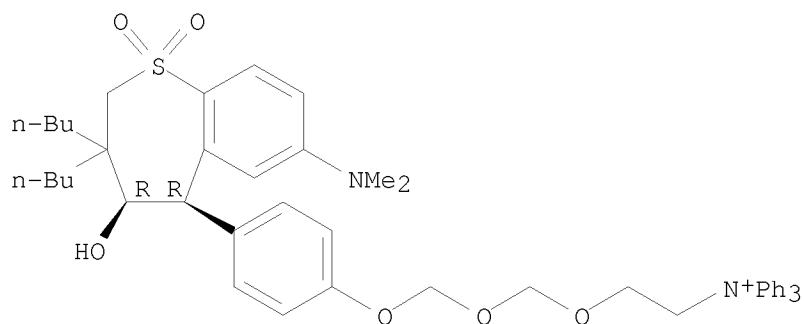


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RN 197374-03-1 CAPLUS
 CN Benzenaminium, N-[2-[[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diphenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

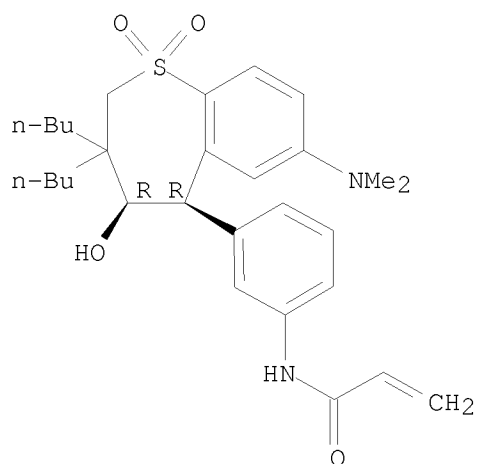


RN 197374-04-2 CAPLUS
 CN 2-Propenamide, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA

10/590,458

INDEX NAME)

Relative stereochemistry.

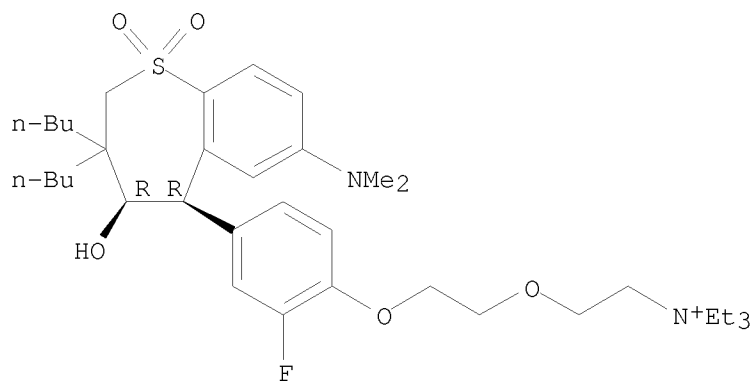


RN 197374-06-4 CAPLUS
CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

CRN 197374-05-3
CMF C36 H58 F N2 O5 S

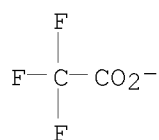
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

10/590,458

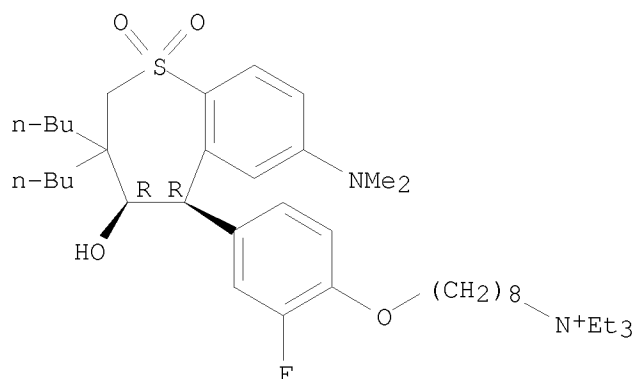


RN 197374-08-6 CAPLUS
CN 1-Octanaminium, 8-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

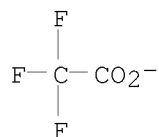
CRN 197374-07-5
CMF C40 H66 F N2 O4 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2



RN 197374-09-7 CAPLUS
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

Relative stereochemistry.

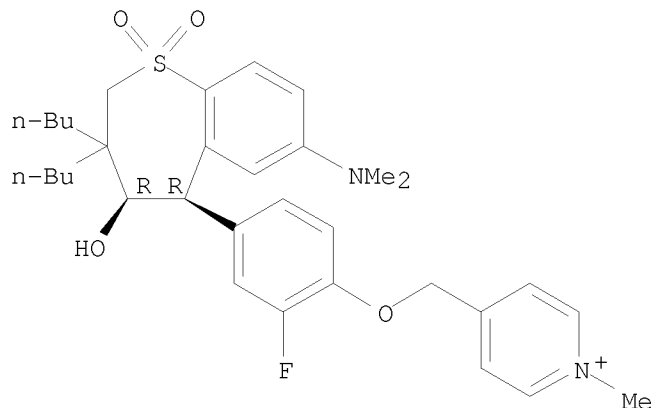
CCCC1(CCCC1S(=O)(=O)c2ccc(N(C)C)cc2)C(O)C(c3ccccc3OCCOCCOCC[N+]1(C)CCN(C1)P(=O)(C)C2=CC=CC=C2)C

● I -

CM 1

Relative stereochemistry.

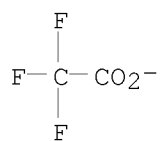
10/590,458



CM 2

CRN 14477-72-6

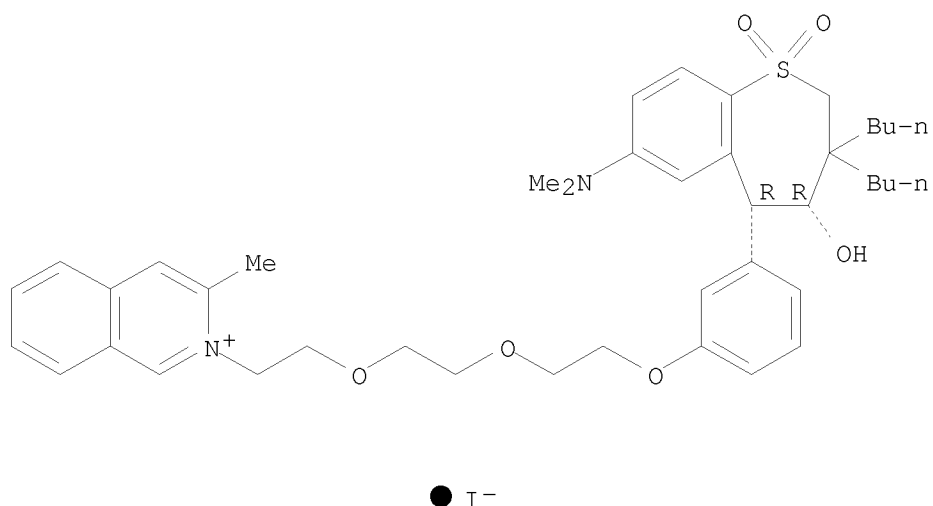
CMF C2 F3 O2



RN 197374-14-4 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

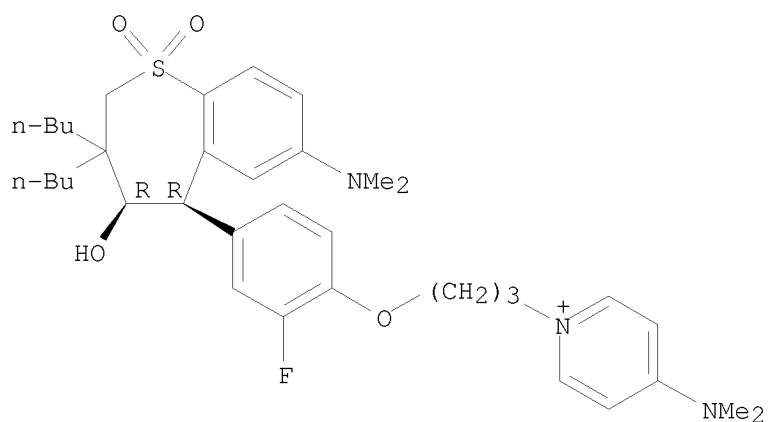


RN 197374-16-6 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-15-5
 CMF C36 H51 F N3 O4 S

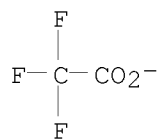
Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

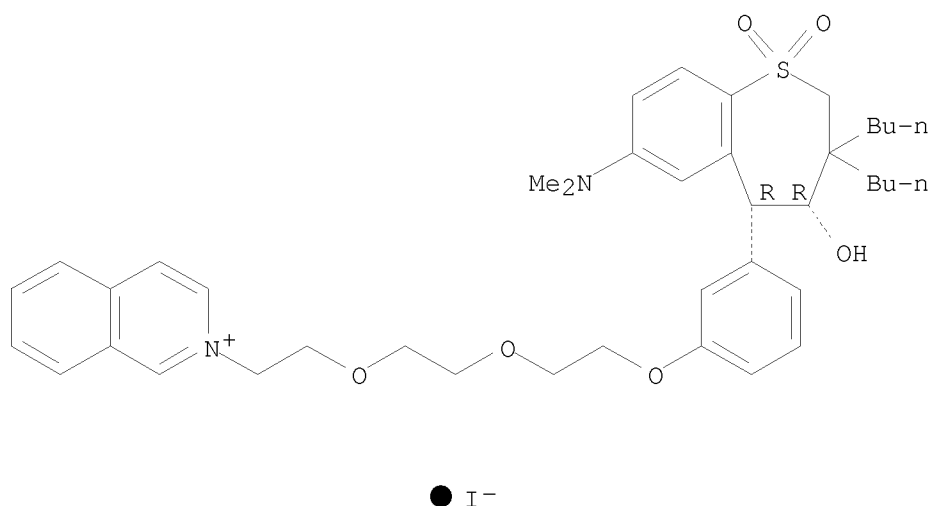
10/590,458



RN 197374-17-7 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

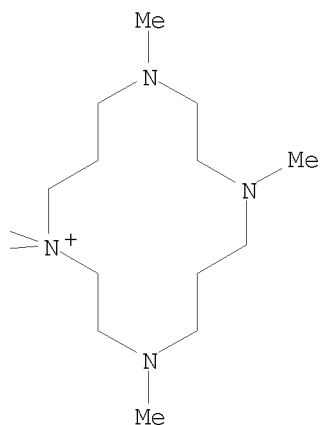
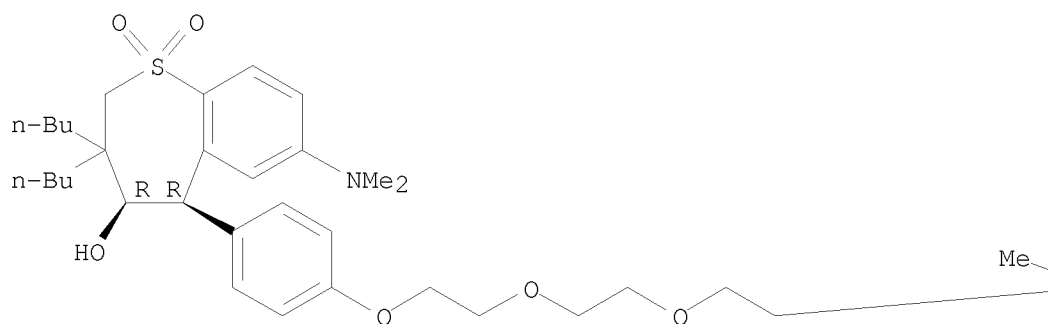
Relative stereochemistry.



RN 197374-18-8 CAPLUS

CN 4,8,11-Triaza-1-azoniacyclotetradecane, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4,8,11-tetramethyl-, iodide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

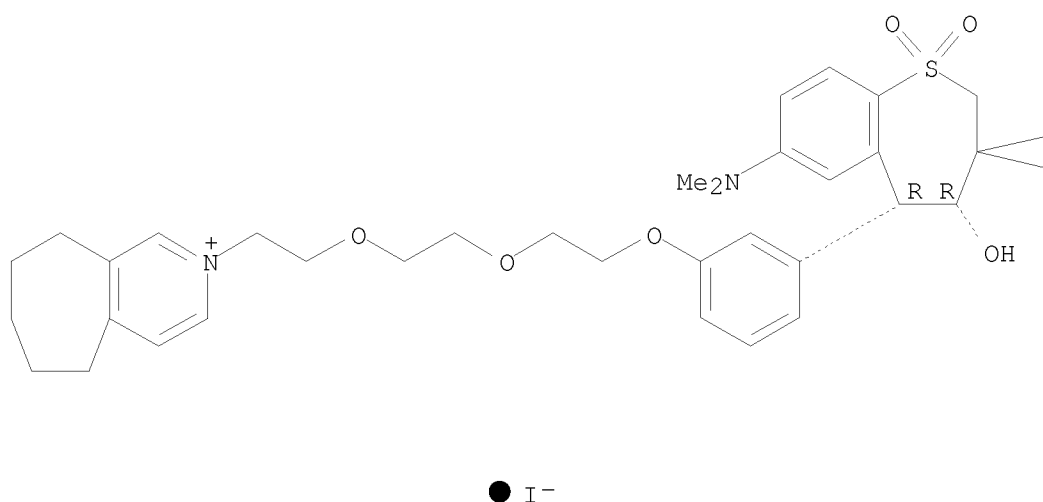


RN 197374-19-9 CAPLUS

CN 5H-Cyclohepta[c]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

— Bu-n

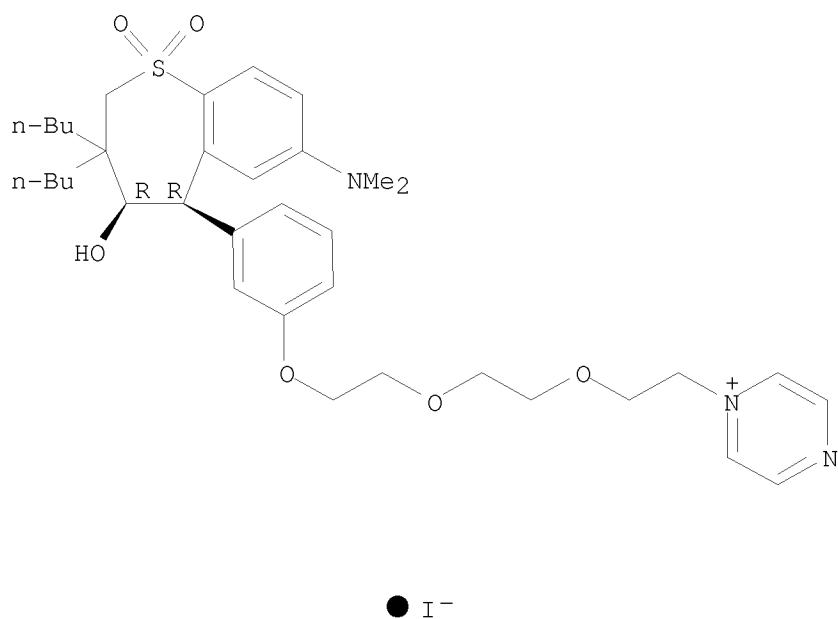
— Bu-n

RN 197374-20-2 CAPLUS

CN Pyrazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

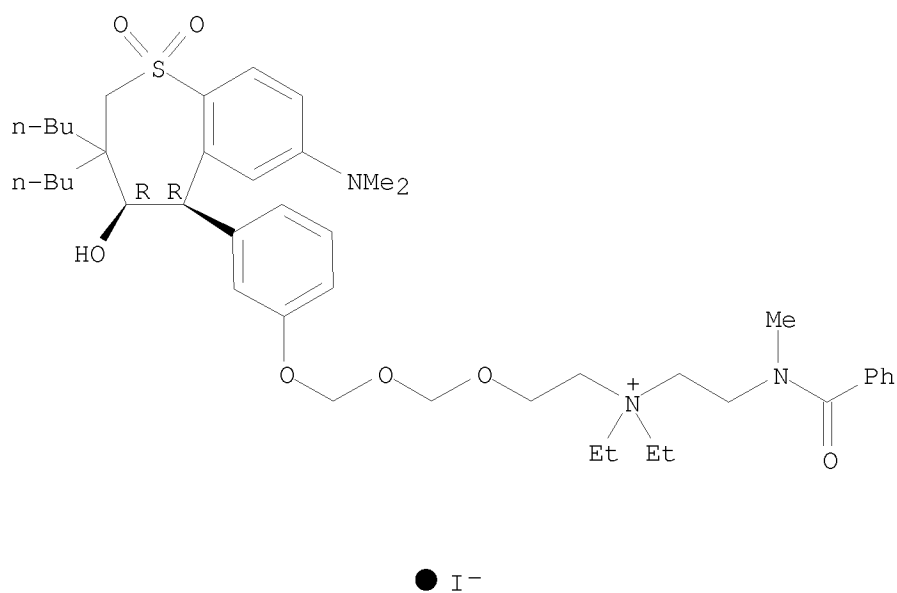
10/590,458



RN 197374-21-3 CAPLUS

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

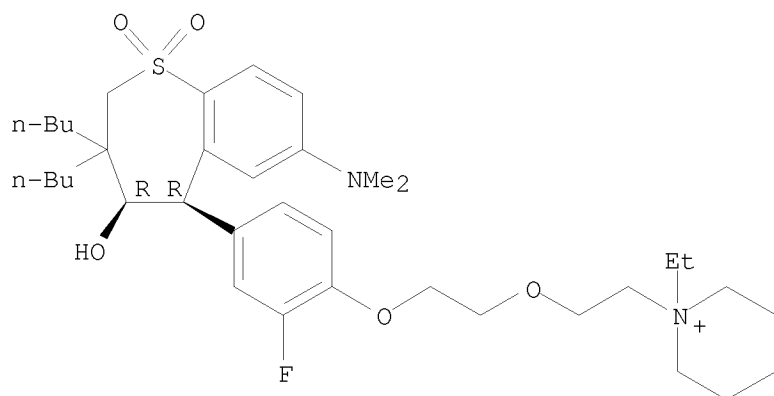


RN 197374-22-4 CAPLUS

10/590,458

CN Piperidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

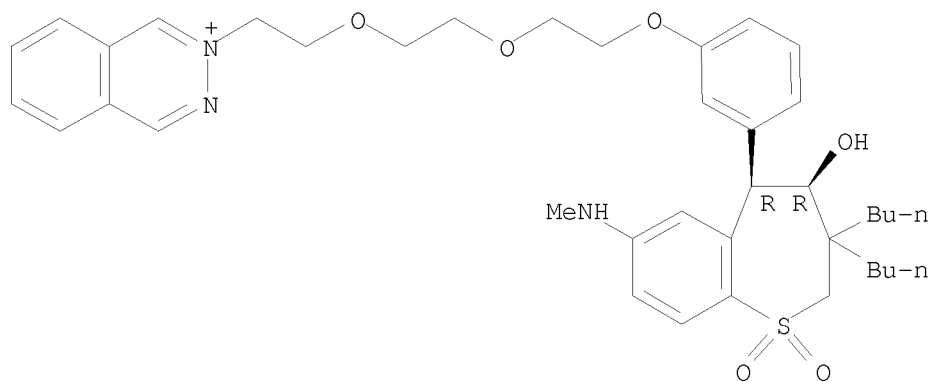


● Br⁻

RN 197374-24-6 CAPLUS

CN Phthalazinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

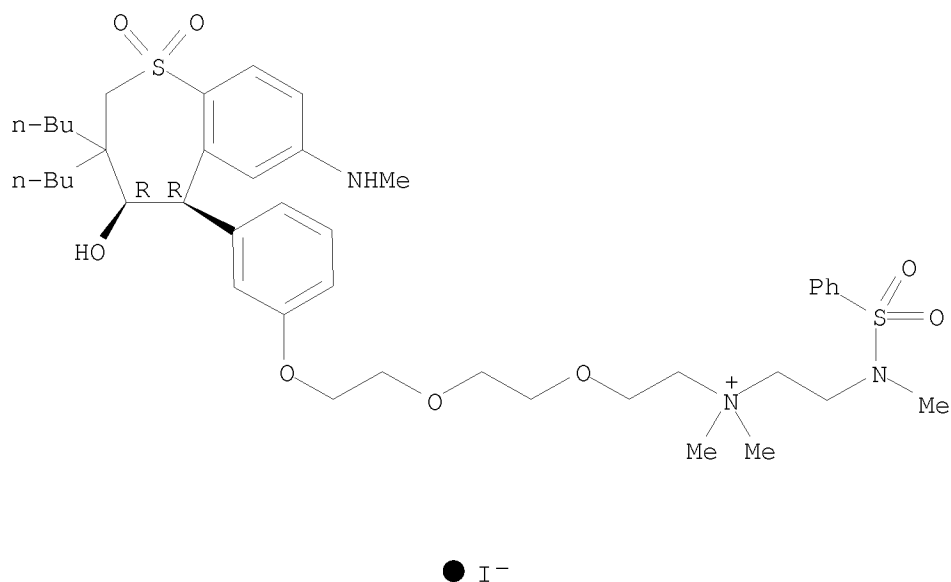
RN 197374-25-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-

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dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel-
(CA INDEX NAME)

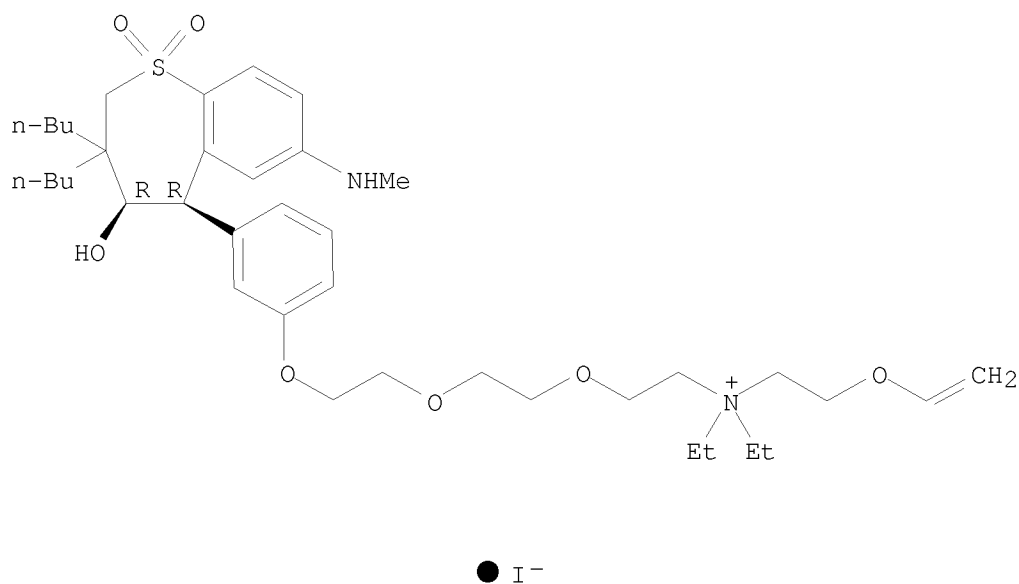
Relative stereochemistry.



RN 197374-26-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(ethenyloxy)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

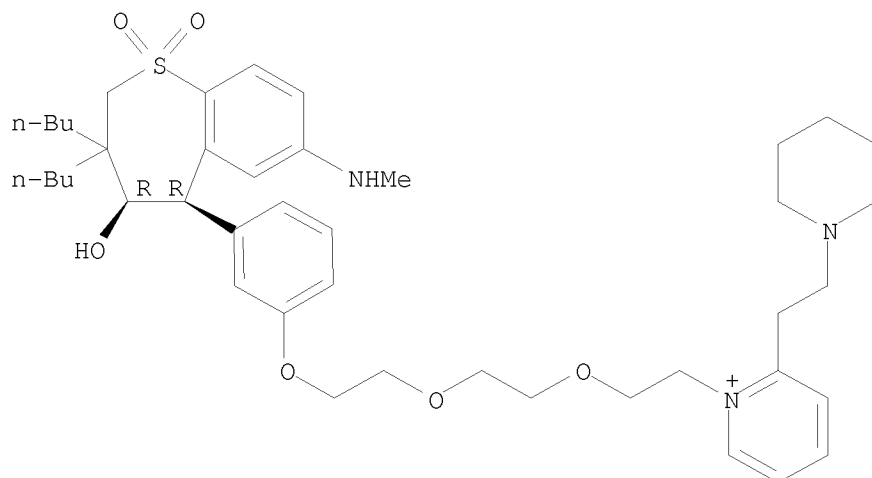


RN 197374-27-9 CAPLUS

10/590,458

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[2-(1-piperidinyl)ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

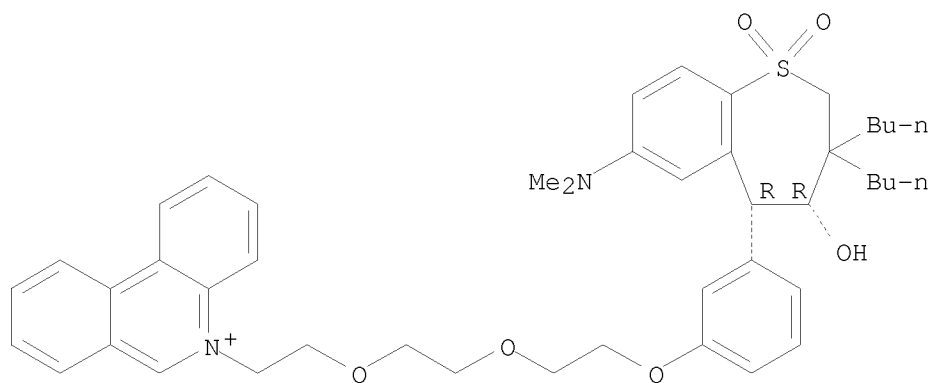
Relative stereochemistry.



RN 197374-29-1 CAPLUS

CN Phenanthridinium, 5-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

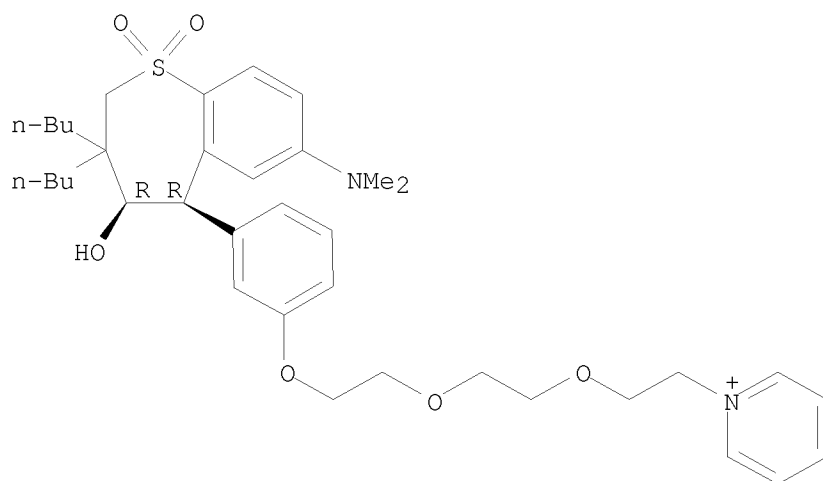


10/590,458

RN 197374-31-5 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

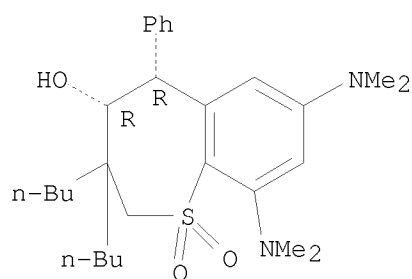
Relative stereochemistry.



RN 197374-32-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-34-8 CAPLUS

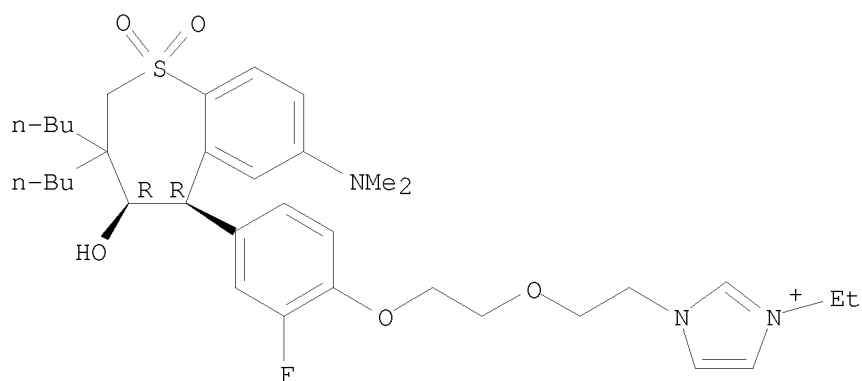
CN 1H-Imidazolium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

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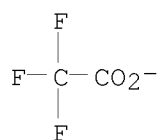
CRN 197374-33-7
CMF C35 H51 F N3 O5 S

Relative stereochemistry.



CM 2

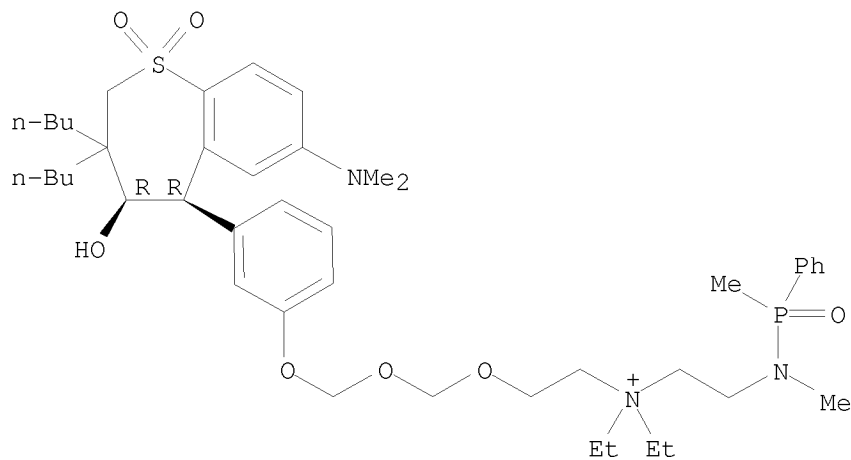
CRN 14477-72-6
CMF C2 F3 O2



RN 197374-35-9 CAPLUS
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

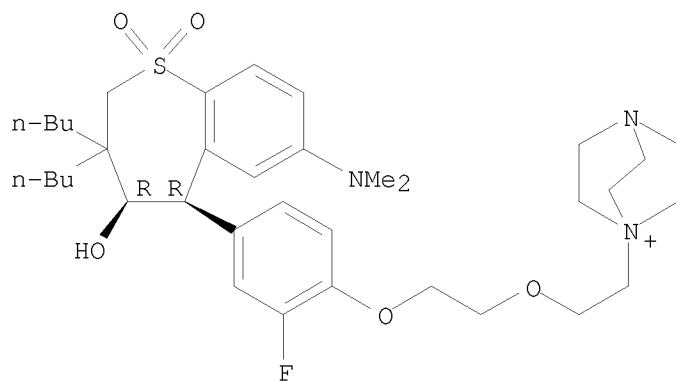
Relative stereochemistry.

10/590,458



RN 197374-37-1 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxo-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-,
bromide (1:1), rel- (CA INDEX NAME)

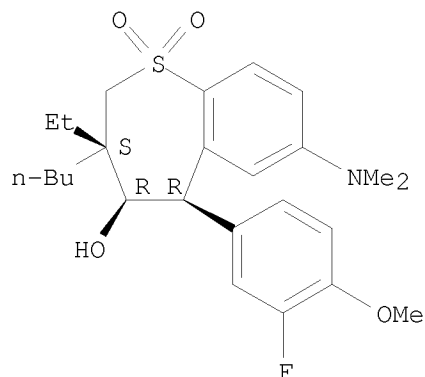
Relative stereochemistry.



RN 197374-38-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-
methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA
INDEX NAME)

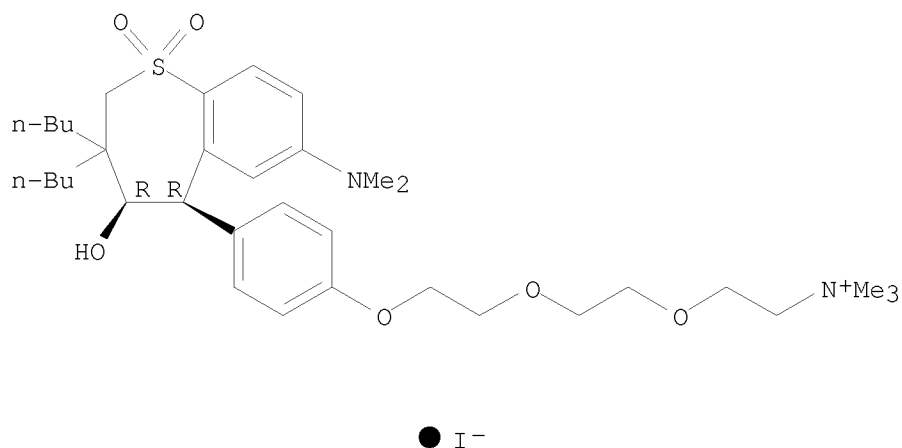
Relative stereochemistry.

10/590,458



RN 197374-39-3 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

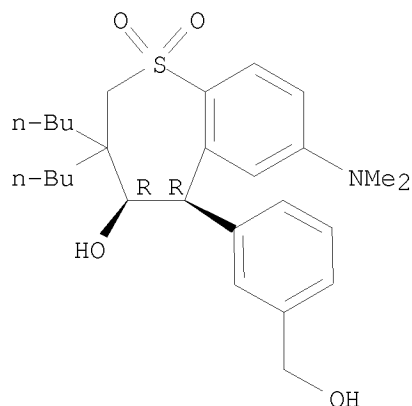
Relative stereochemistry.



RN 197374-40-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

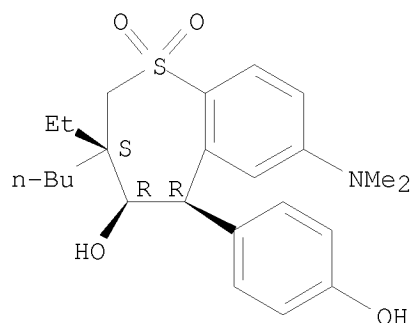
10/590,458



RN 197374-41-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

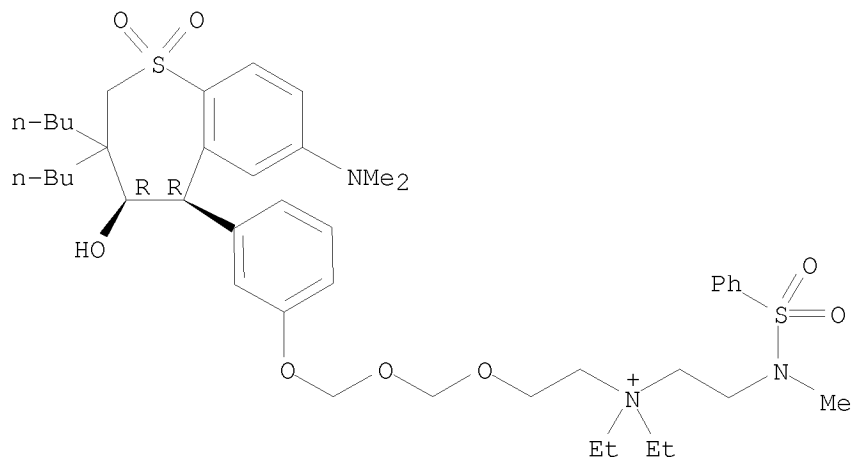


RN 197374-43-9 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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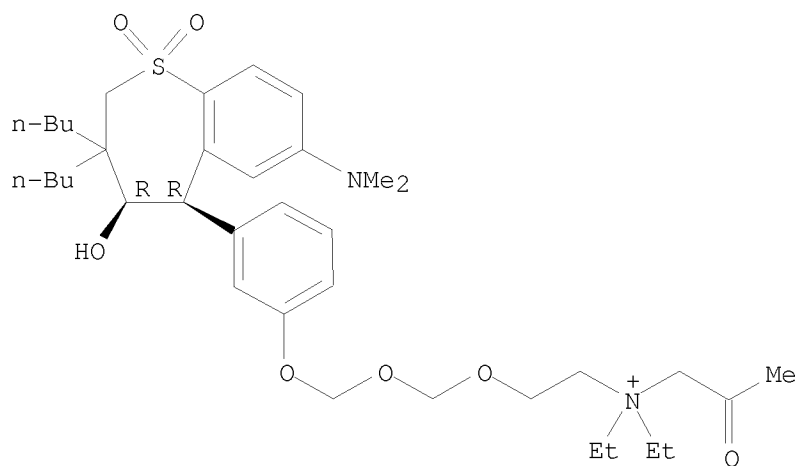


● I -

RN 197374-44-0 CAPLUS

CN 1-Propanaminium, N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I -

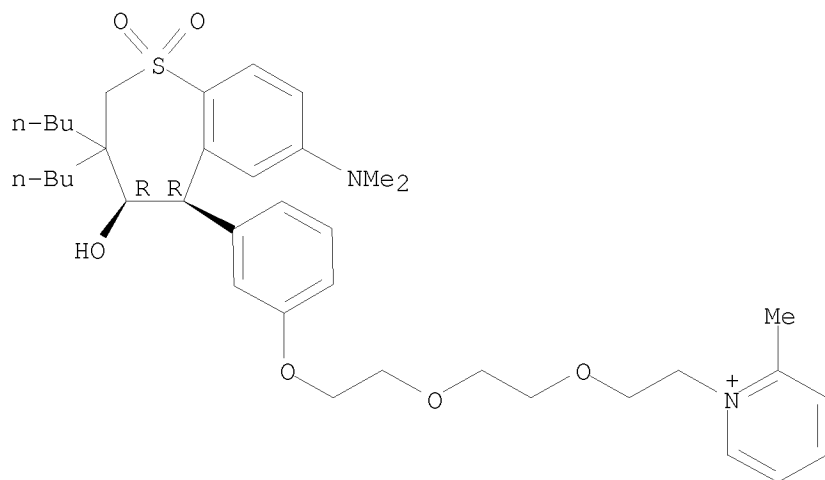
RN 197374-46-2 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

yl]phenoxy]ethoxy]ethoxy]ethyl]-2-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

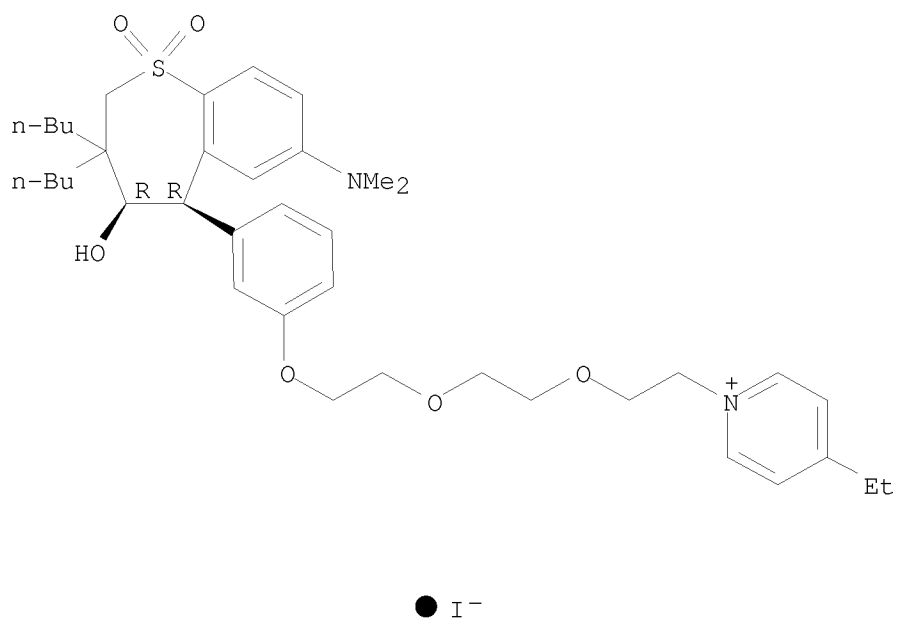


RN 197374-47-3 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

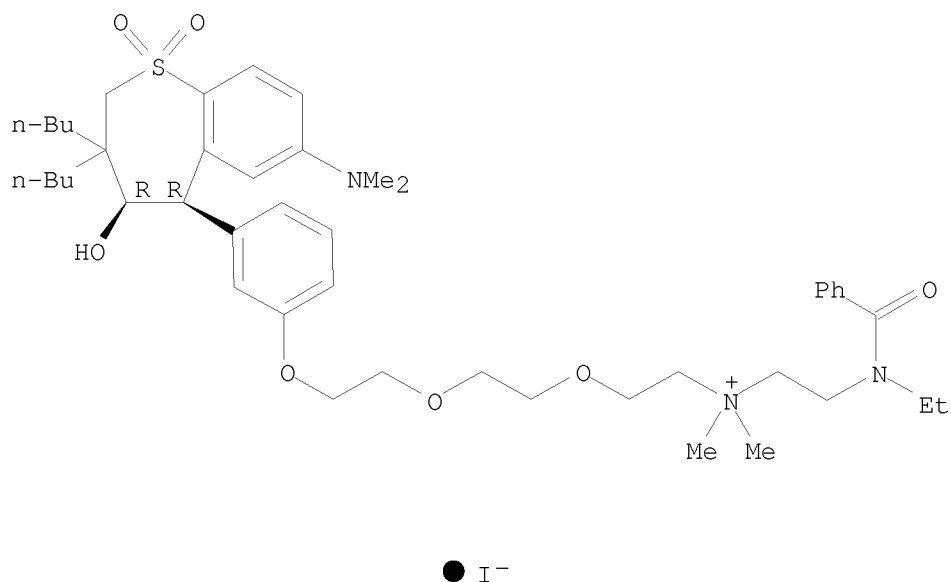
Relative stereochemistry.

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RN 197374-49-5 CAPLUS
CN Ethanaminium, 2-(benzoylethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

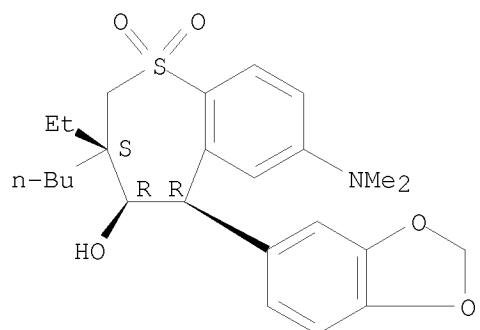


RN 197374-50-8 CAPLUS
CN 1-Benzothiepin-4-ol, 5-(1,3-benzodioxol-5-yl)-3-butyl-7-(dimethylamino)-3-

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ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

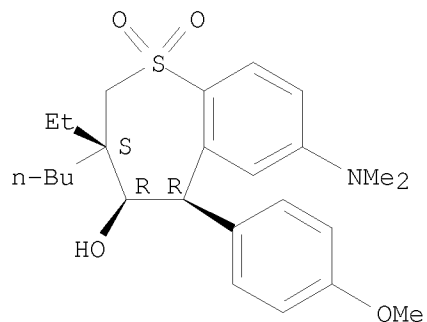
Relative stereochemistry.



RN 197374-51-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

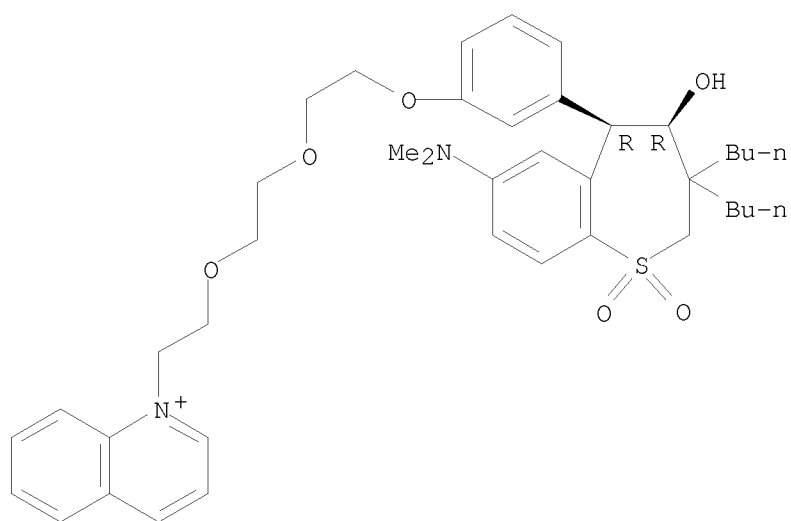


RN 197374-52-0 CAPLUS

CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



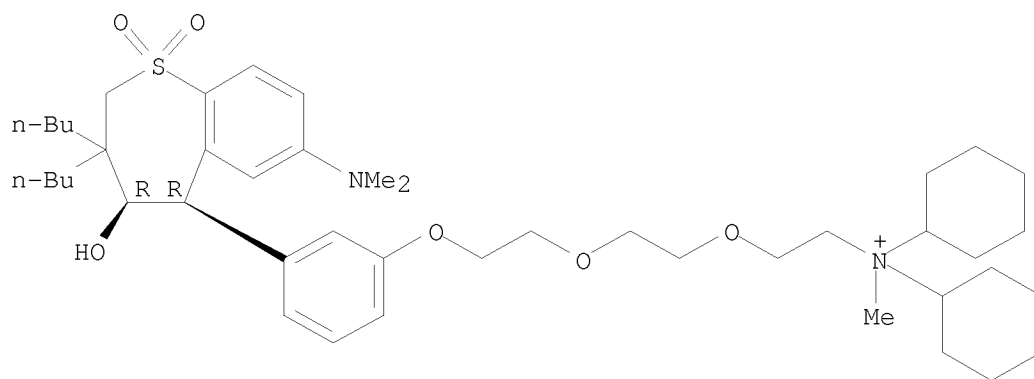
PAGE 2-A



RN 197374-53-1 CAPLUS

CN Cyclohexanaminium, N-cyclohexyl-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-, iodide (1:1), rel- (CA INDEX NAME)

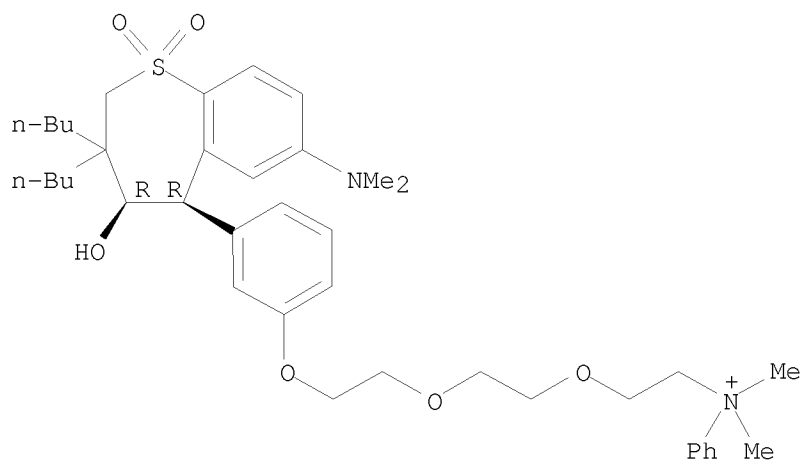
Relative stereochemistry.



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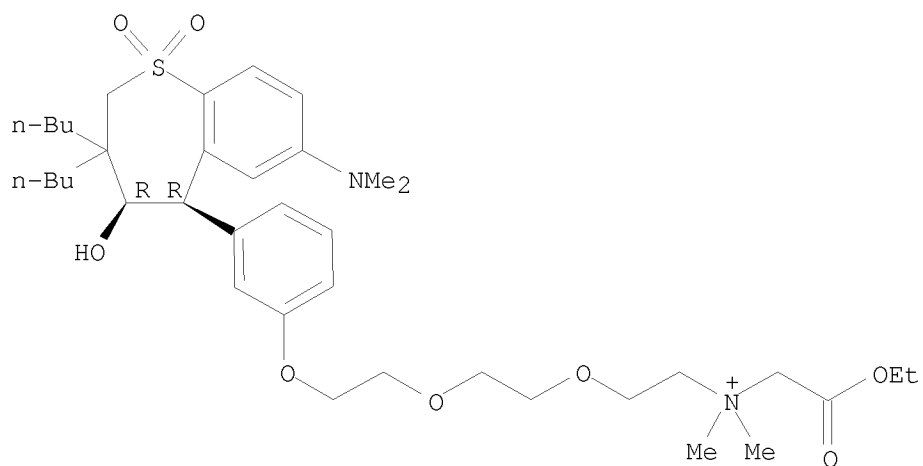
RN 197374-54-2 CAPLUS
CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-55-3 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-ethoxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

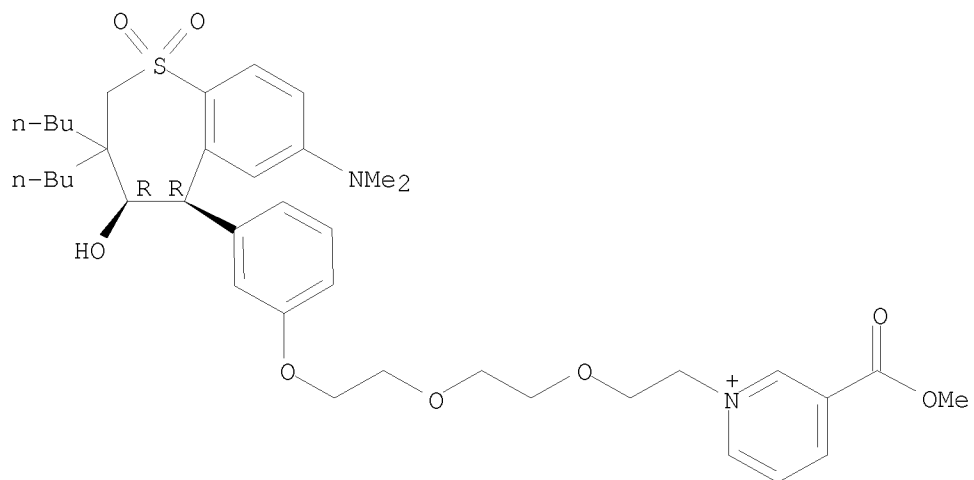
Relative stereochemistry.



● I -

RN	197374-56-4	CAPLUS
CN	Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-(methoxycarbonyl)-, iodide (1:1), rel-(CA INDEX NAME)	

Relative stereochemistry.



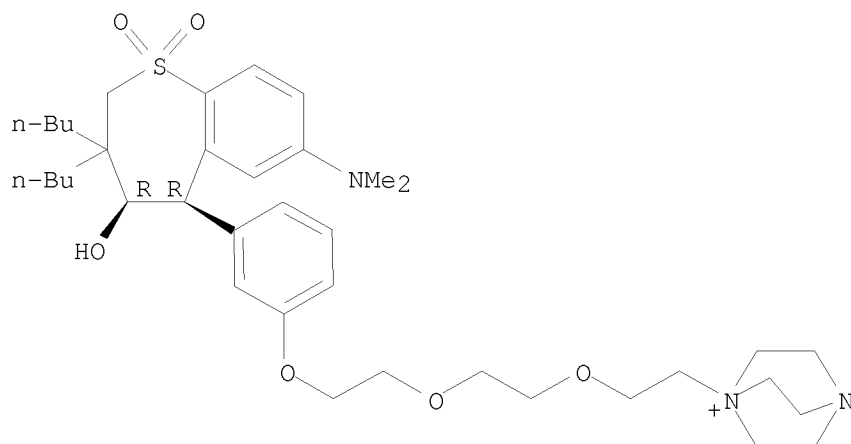
● I -

RN 197374-57-5 CAPLUS

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CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-,
iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

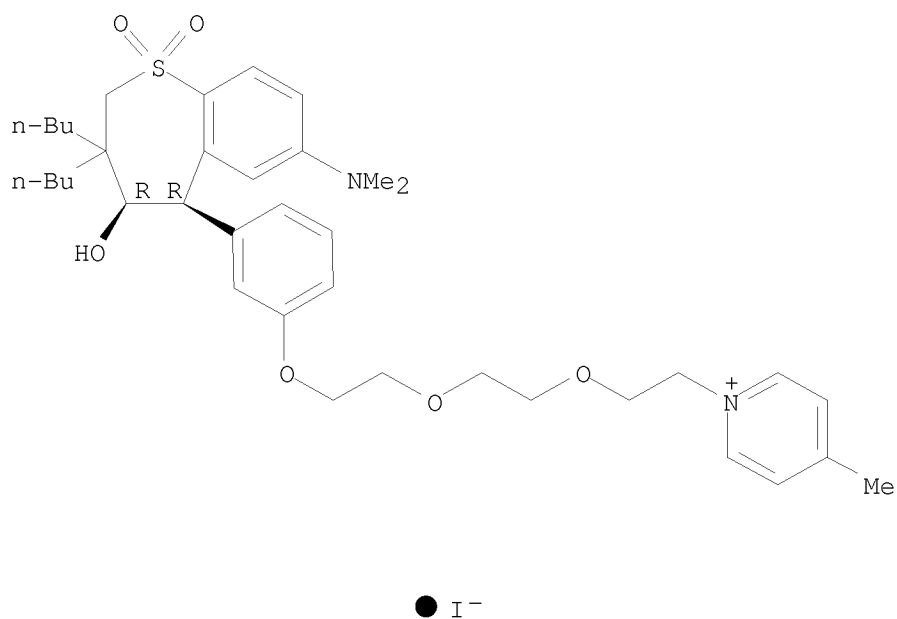


RN 197374-58-6 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX
NAME)

Relative stereochemistry.

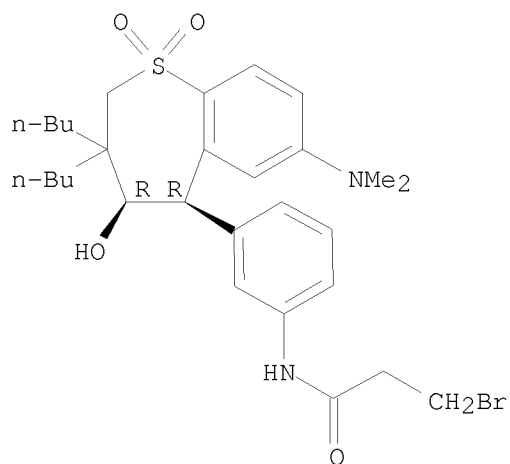
10/590,458



RN 197374-59-7 CAPLUS

CN Propanamide, 3-bromo-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

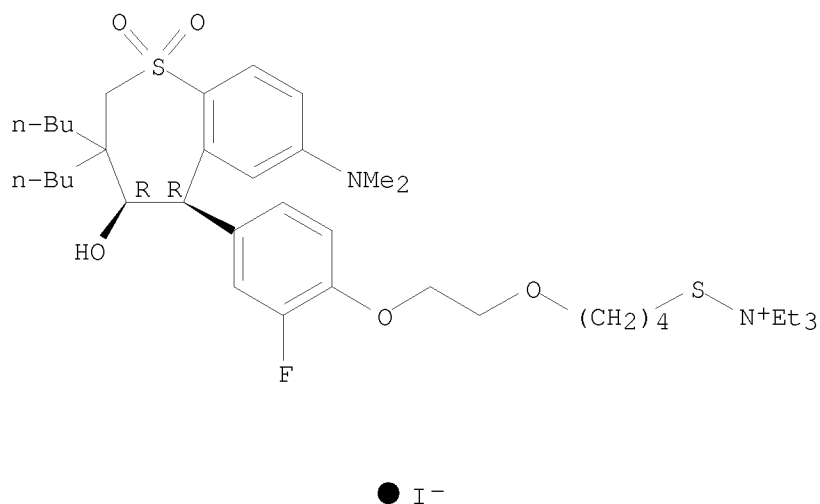


RN 197374-60-0 CAPLUS

CN Ethanaminium, N-[[4-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]butyl]thio]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

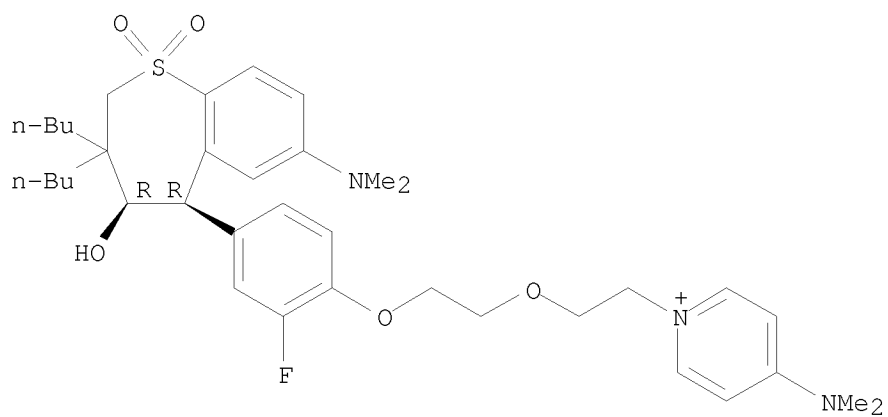


RN 197374-62-2 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-61-1
CMF C37 H53 F N3 O5 S

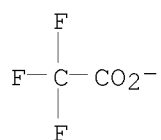
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

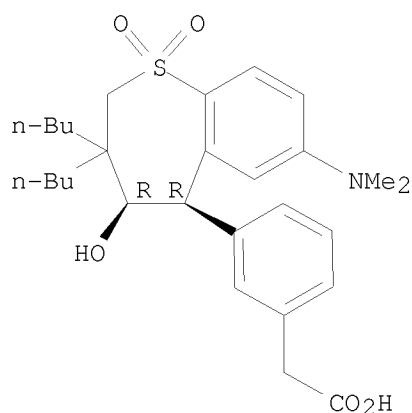
10/590,458



RN 197374-63-3 CAPLUS

CN Benzeneacetic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

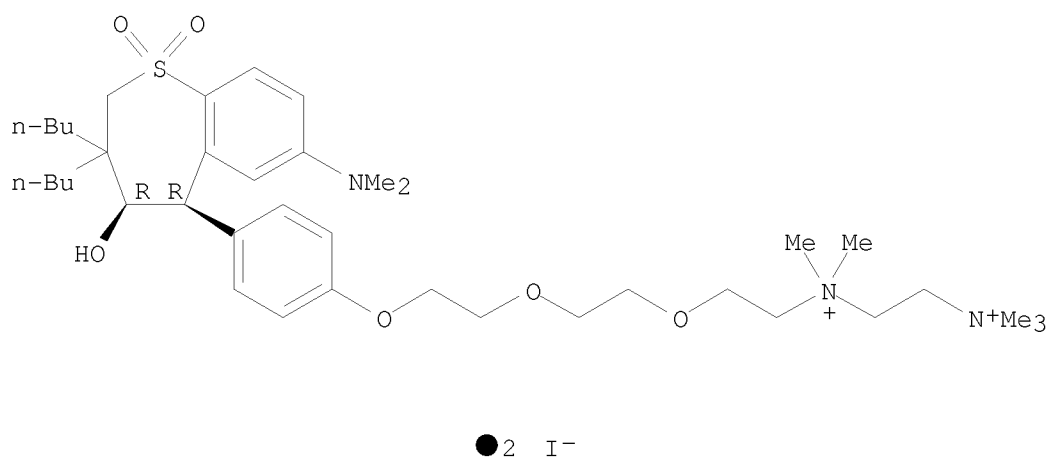
Relative stereochemistry.



RN 197374-64-4 CAPLUS

CN 1,2-Ethanediaminium, N1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

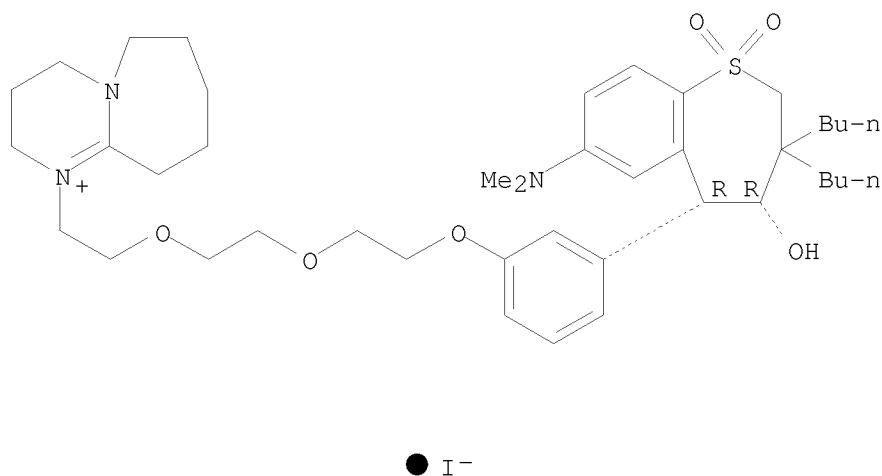
Relative stereochemistry.



RN 197374-65-5 CAPLUS

CN Pyrimido[1,2-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,3,4,6,7,8,9,10-octahydro-, iodide (1:1), rel- (CA INDEX NAME)

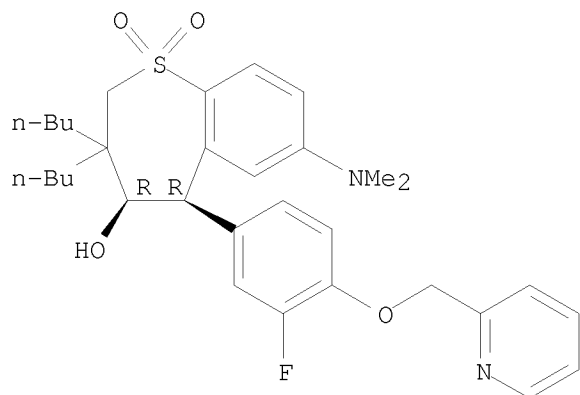
Relative stereochemistry.



RN 197374-68-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(2-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

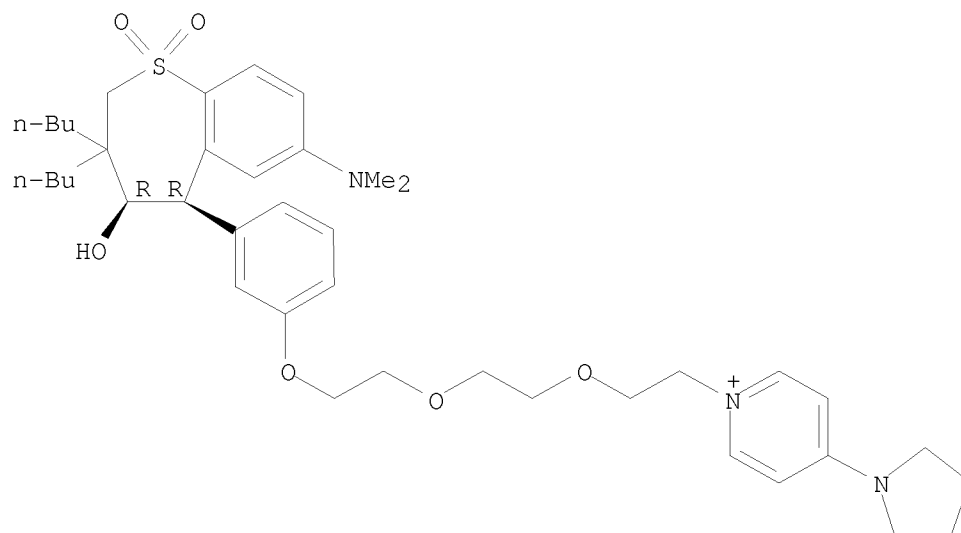
Relative stereochemistry.



RN 197374-69-9 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-pyrrolidinyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

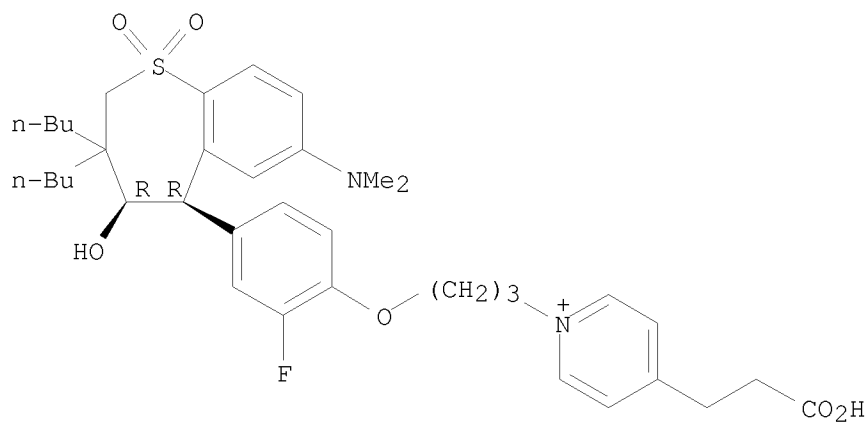


RN 197374-71-3 CAPLUS
 CN Pyridinium, 4-(2-carboxyethyl)-1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-70-2
 CMF C37 H50 F N2 O6 S

Relative stereochemistry.

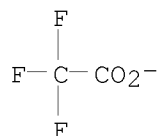


10/590,458

CM 2

CRN 14477-72-6

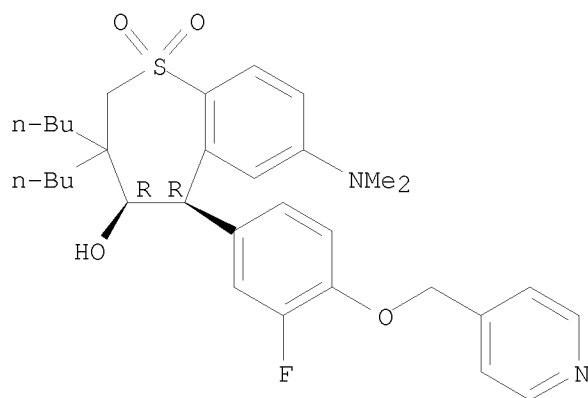
CMF C2 F3 O2



RN 197374-73-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(4-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

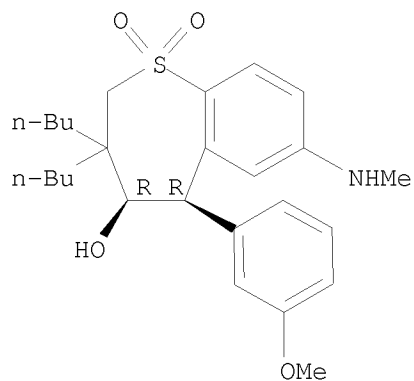


RN 197374-74-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

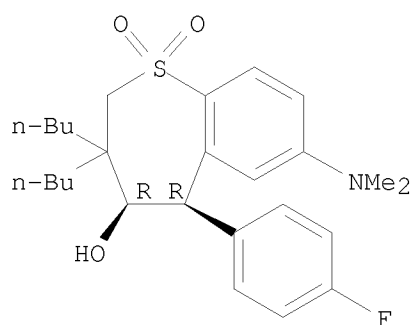
10/590,458



RN 197374-75-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

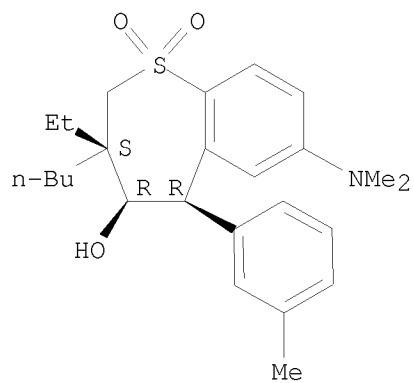
Relative stereochemistry.



RN 197374-76-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

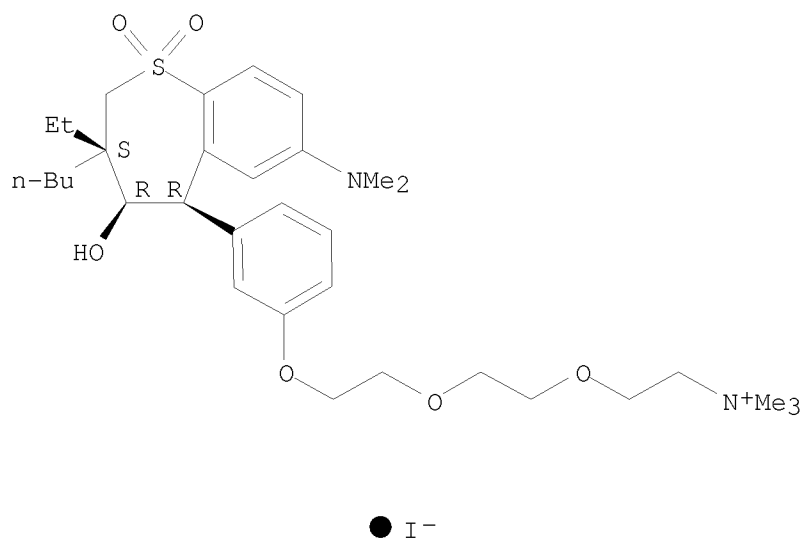


RN 197374-77-9 CAPLUS

10/590,458

CN Ethanaminium, 2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

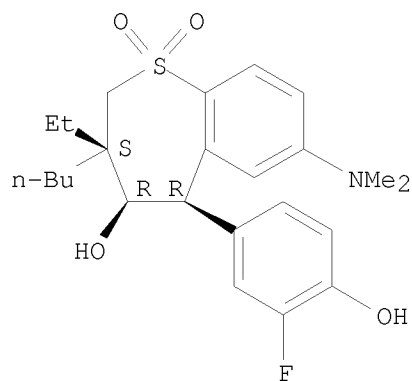
Relative stereochemistry.



RN 197374-78-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

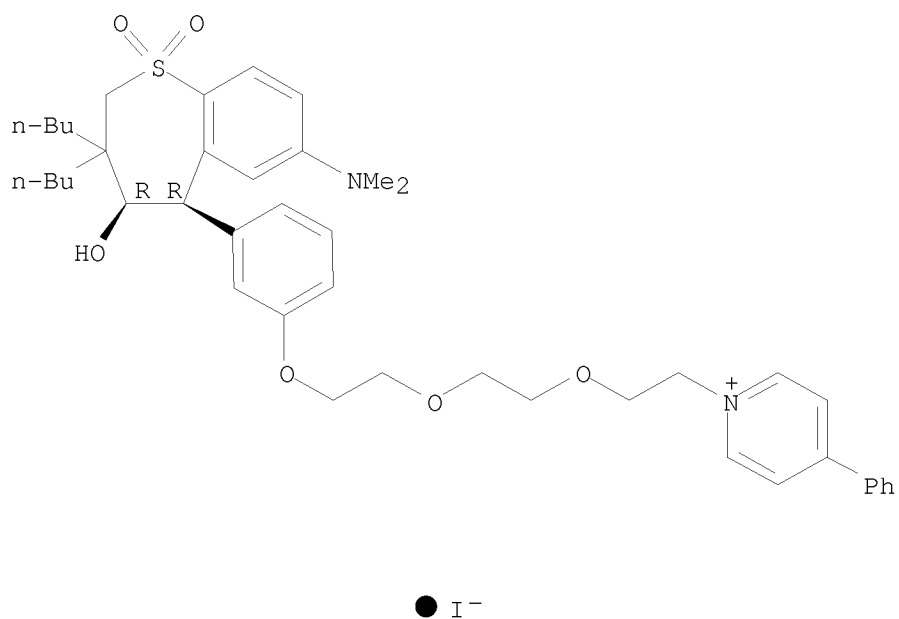


RN 197374-79-1 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

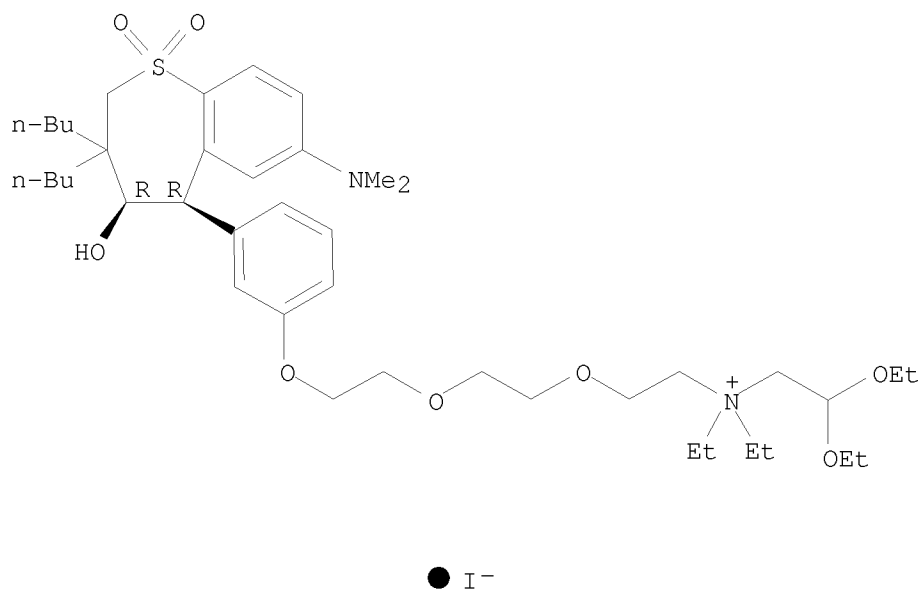
Relative stereochemistry.

10/590,458



RN 197374-80-4 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,2-diethoxy-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



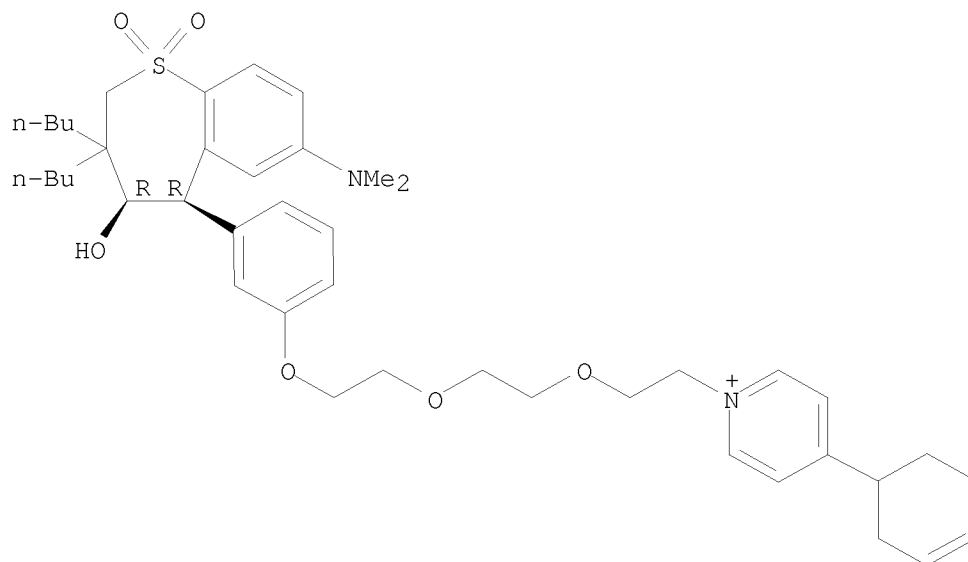
RN 197374-81-5 CAPLUS

10/590,458

CN Pyridinium, 4-(3-cyclohexen-1-yl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

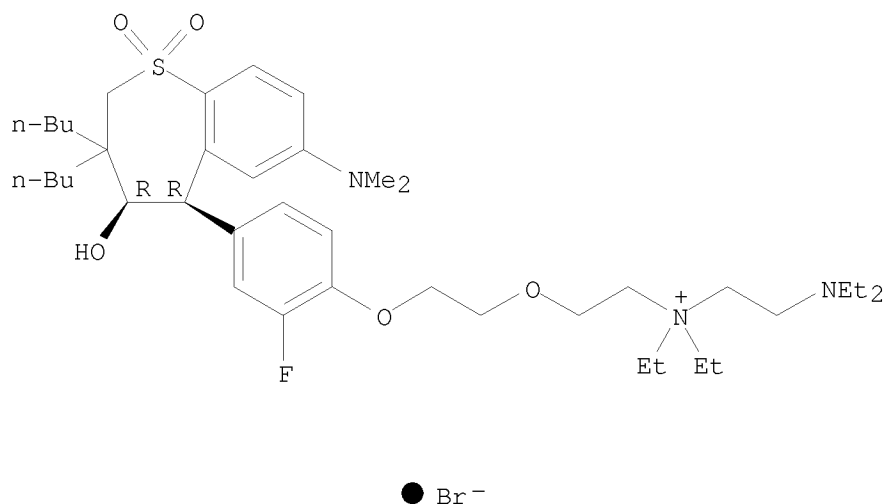


RN 197374-82-6 CAPLUS

CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, bromide (1:1), rel- (CA INDEX NAME)

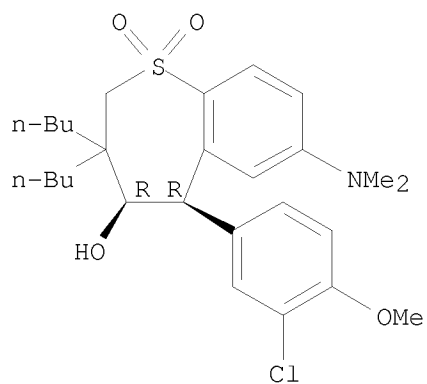
Relative stereochemistry.

10/590,458



RN 197374-83-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

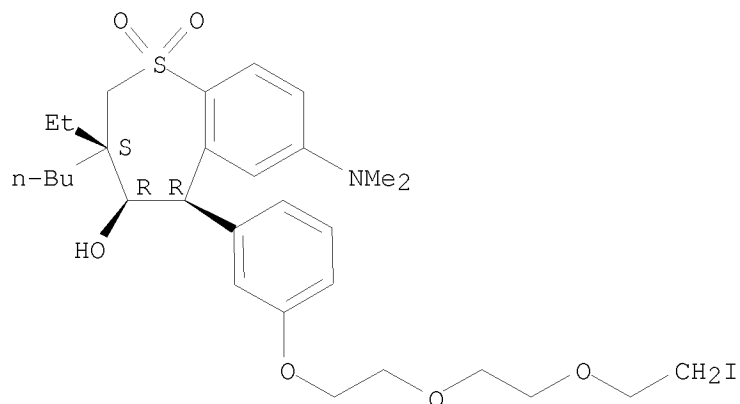
Relative stereochemistry.



RN 197374-84-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

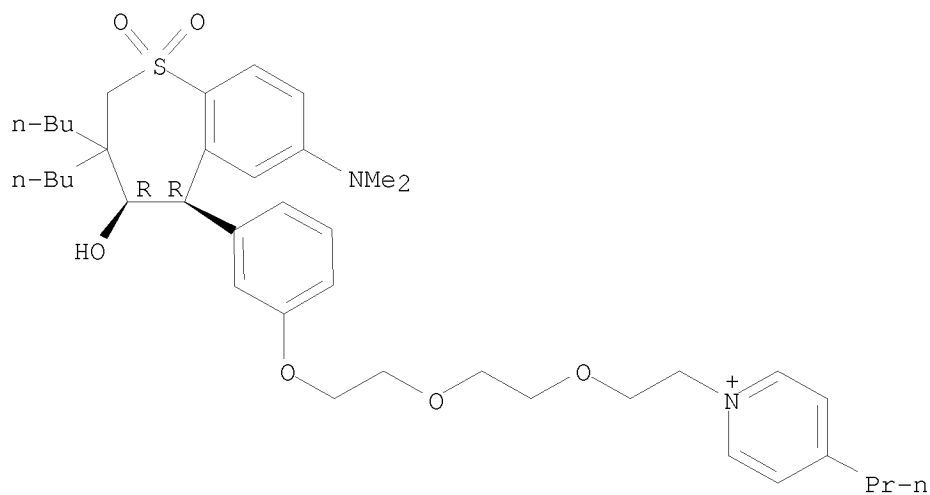
10/590,458



RN 197374-85-9 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-propyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

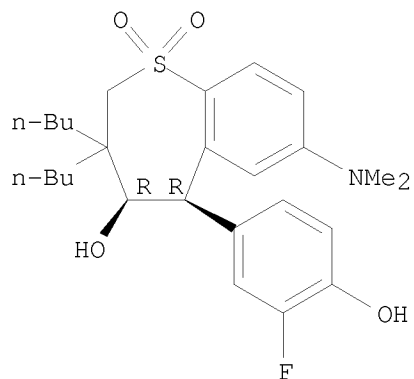


RN 197374-86-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

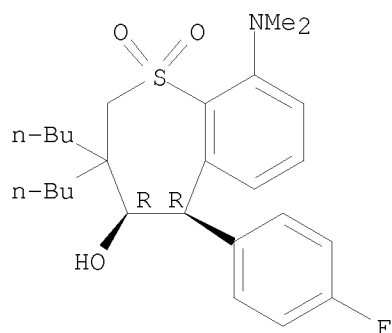
10/590,458



RN 197374-87-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

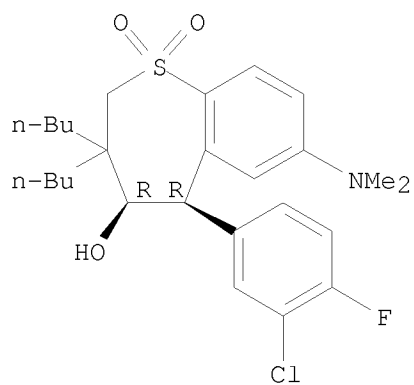
Relative stereochemistry.



RN 197374-88-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-fluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

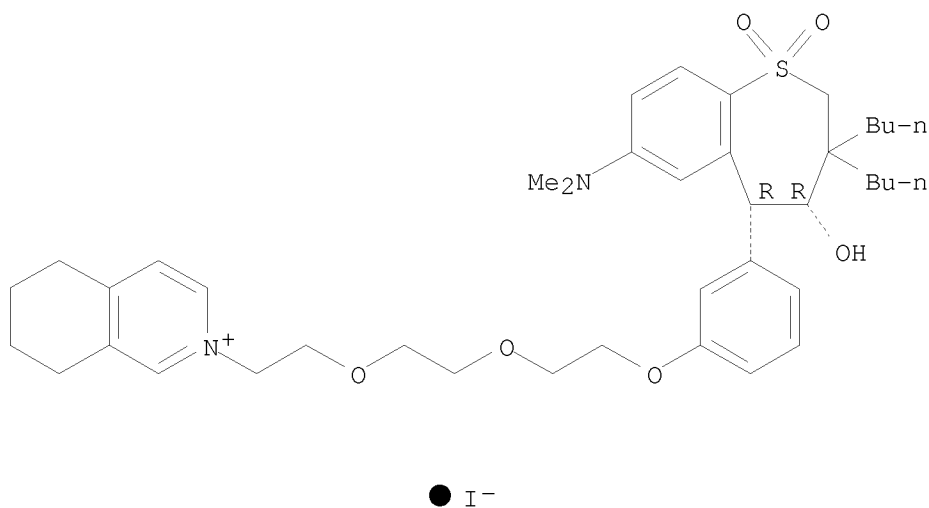


10/590,458

RN 197374-89-3 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5,6,7,8-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

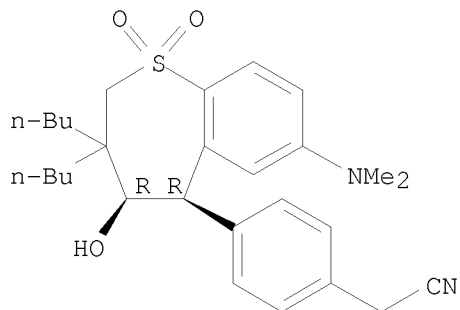
Relative stereochemistry.



RN 197374-90-6 CAPLUS

CN Benzeneacetonitrile, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

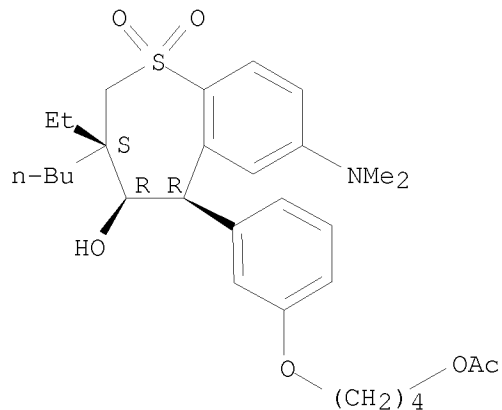


RN 197374-91-7 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-[4-(acetyloxy)butoxy]phenyl]-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel-
(CA INDEX NAME)

Relative stereochemistry.

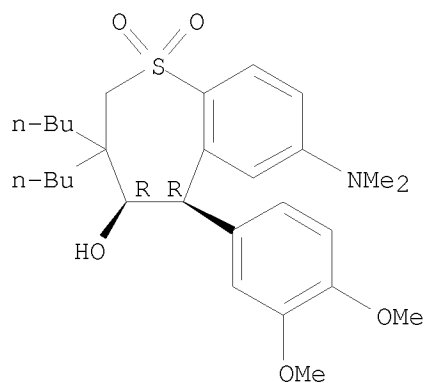
10/590,458



RN 197374-92-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-dimethoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

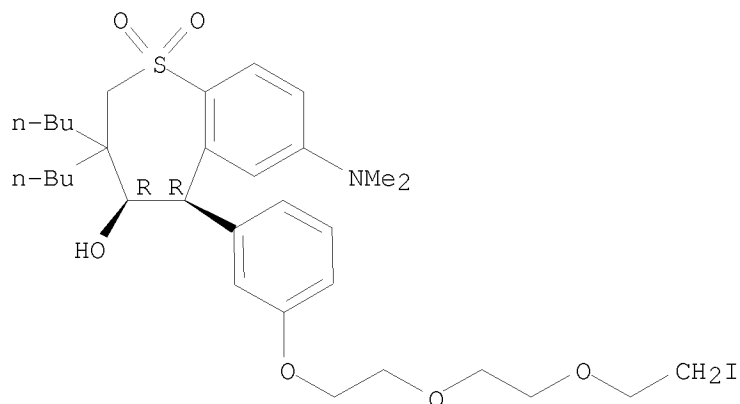


RN 197374-93-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

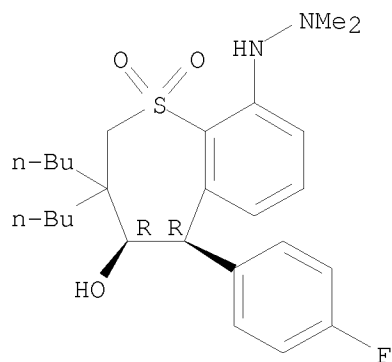
10/590,458



RN 197374-94-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(2,2-dimethylhydrazinyl)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

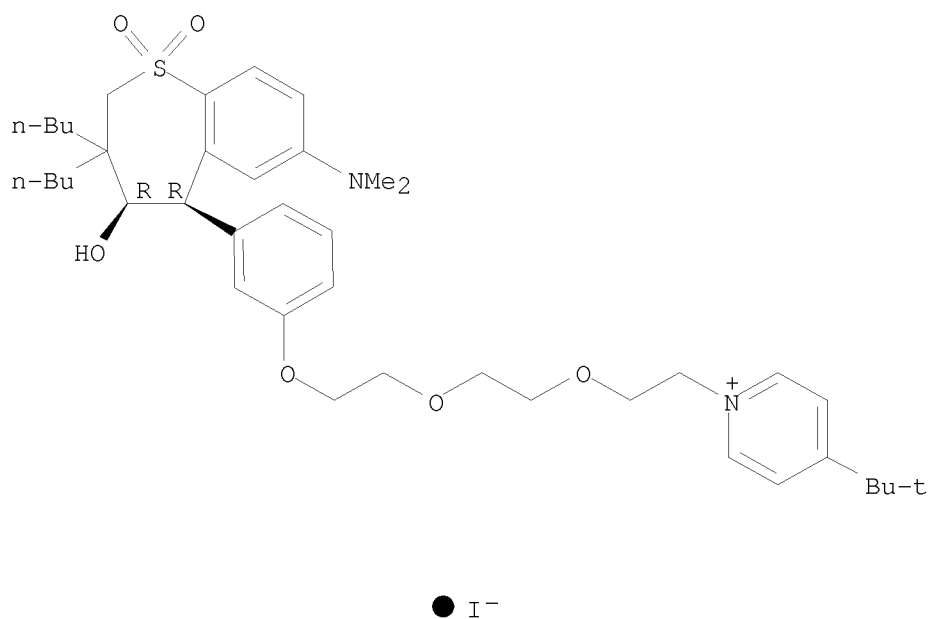


RN 197374-95-1 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1,1-dimethylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

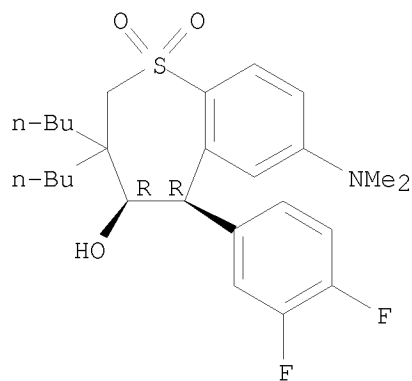
10/590,458



RN 197374-96-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-difluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

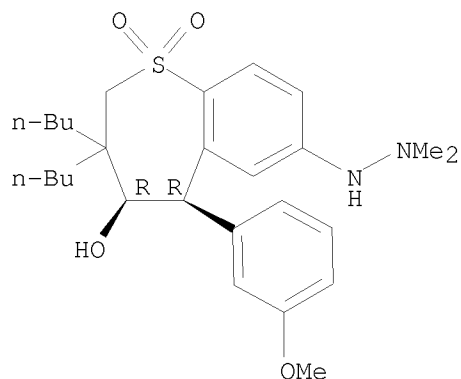


RN 197374-97-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(2,2-dimethylhydrazinyl)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

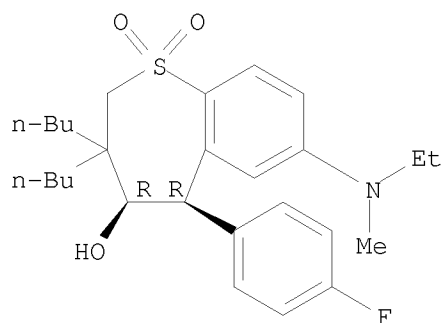
10/590,458



RN 197374-98-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

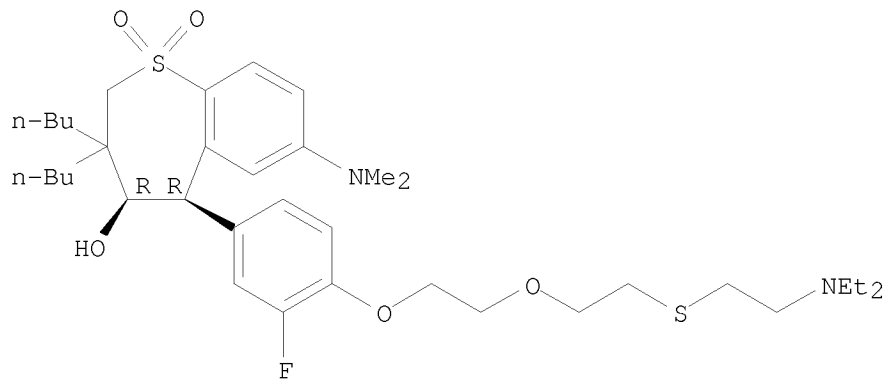
Relative stereochemistry.



RN 197374-99-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[(diethylamino)ethyl]thio]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

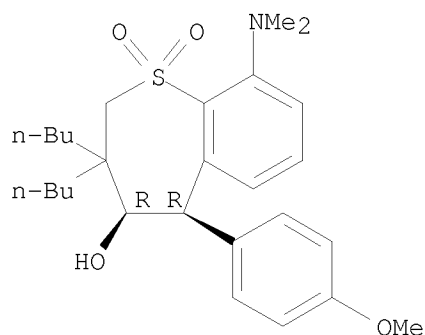


10/590,458

RN 197375-00-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

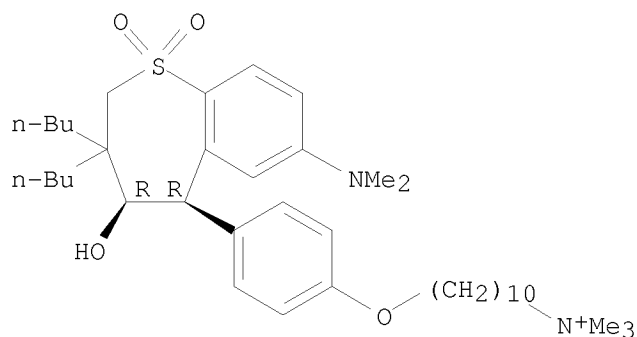
Relative stereochemistry.



RN 197375-01-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

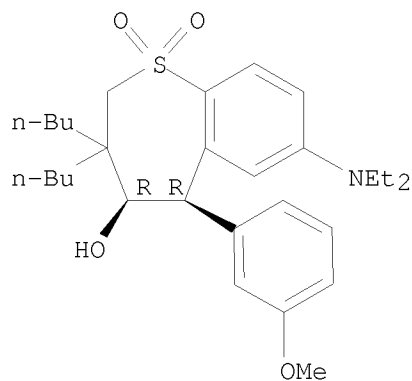


RN 197375-02-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

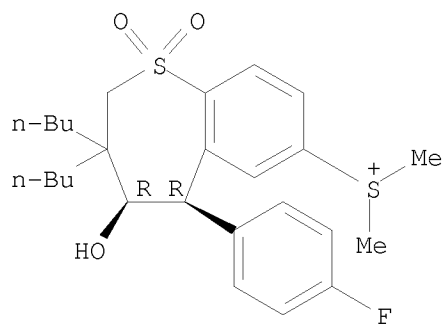
10/590,458



RN 197375-03-4 CAPLUS

CN Sulfonium, [(4R,5R)-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]dimethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



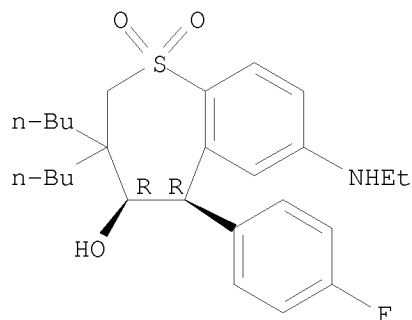
● F⁻

RN 197375-04-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

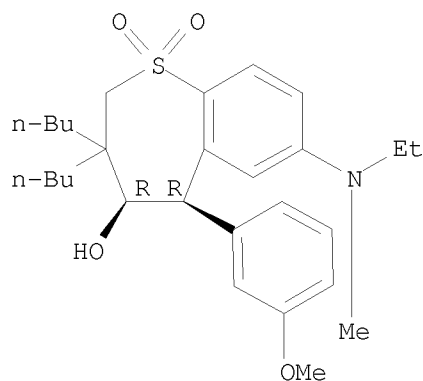
10/590,458



RN 197375-05-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylanino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

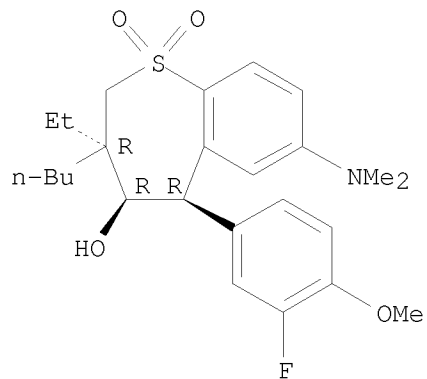
Relative stereochemistry.



RN 197375-06-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

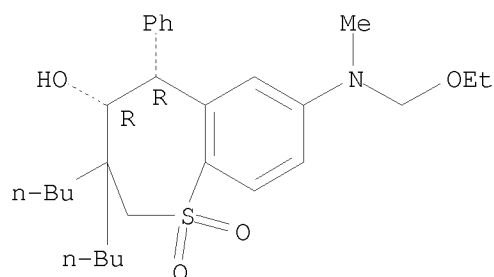


10/590,458

RN 197375-07-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(ethoxymethyl)methylamino]-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

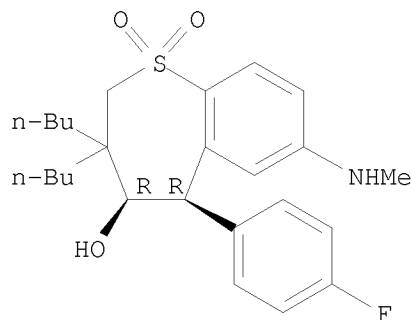
Relative stereochemistry.



RN 197375-08-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

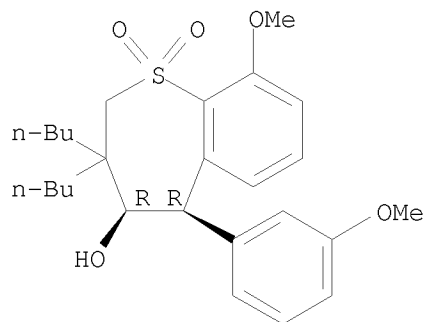
Relative stereochemistry.



RN 197375-09-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-9-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

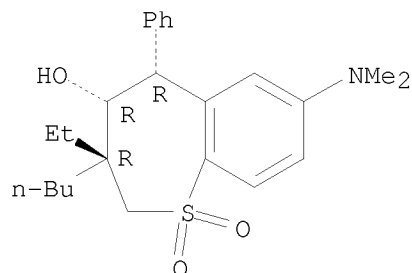


RN 197375-11-4 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

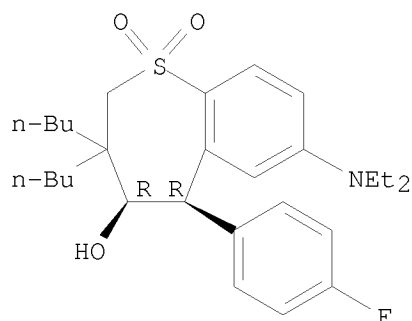
Relative stereochemistry.



RN 197375-12-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

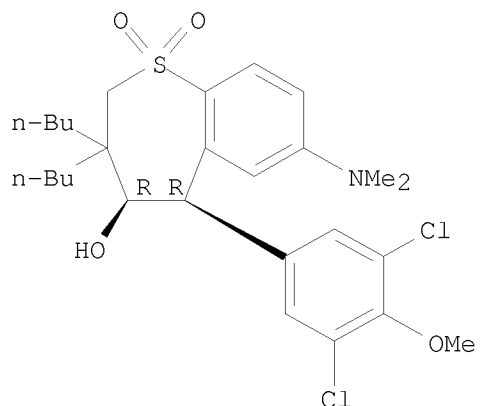


RN 197375-13-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

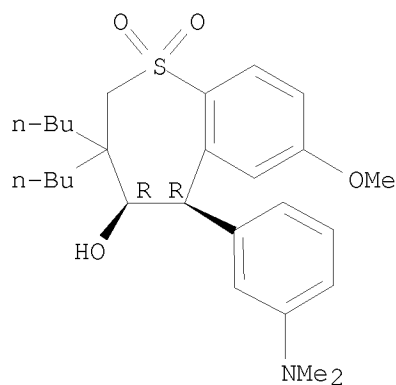
10/590,458



RN 197375-14-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

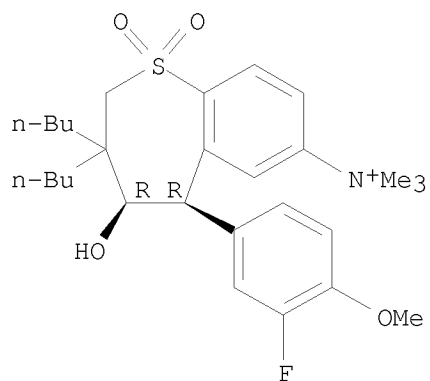


RN 197375-16-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

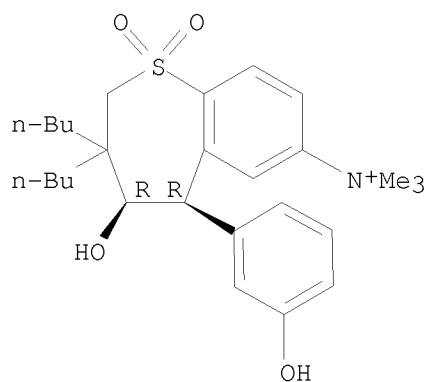
Relative stereochemistry.

10/590,458



RN 197375-17-0 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

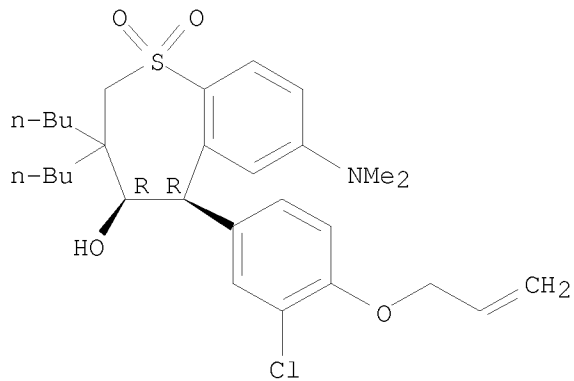
Relative stereochemistry.



RN 197375-20-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-chloro-4-(2-propen-1-yloxy)phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

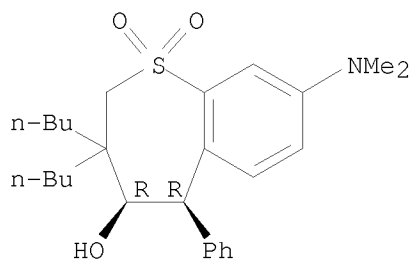
10/590,458



RN 197375-22-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

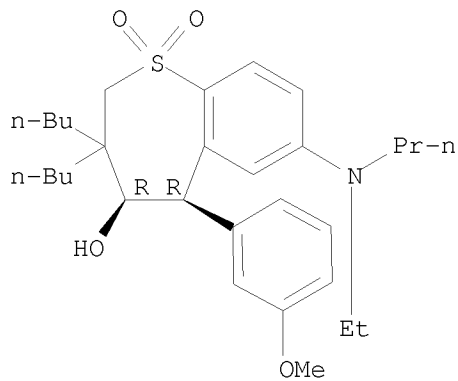
Relative stereochemistry.



RN 197375-23-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

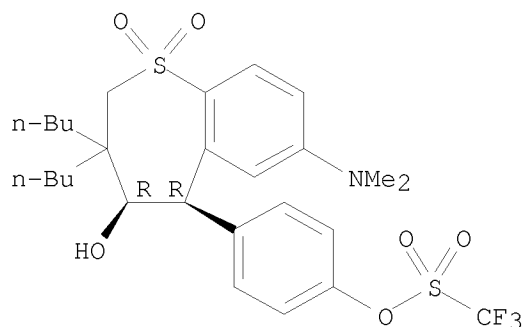


RN 197375-24-9 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-,
4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-

dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

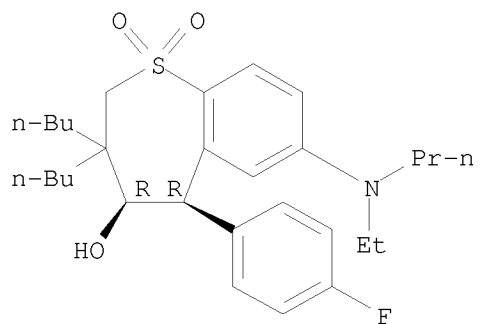
Relative stereochemistry.



RN 197375-25-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

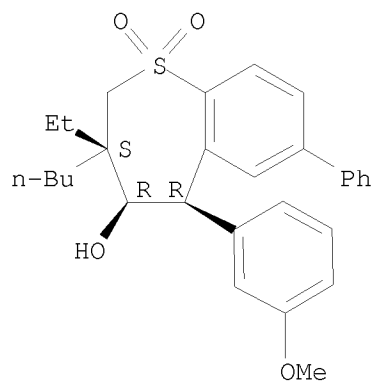
Relative stereochemistry.



RN 197375-26-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

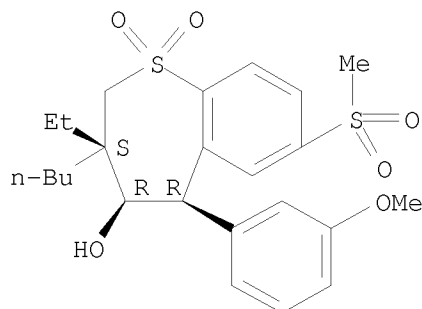


10/590,458

RN 197375-28-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfonyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

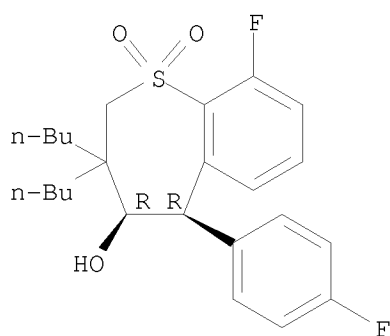
Relative stereochemistry.



RN 197375-30-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

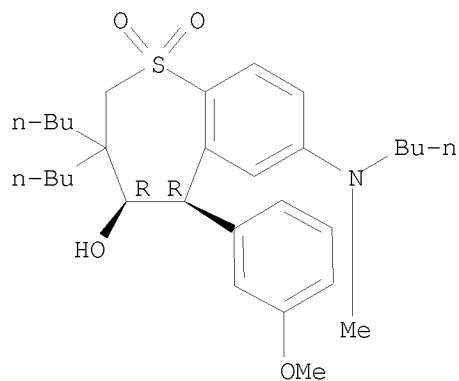


RN 197375-32-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

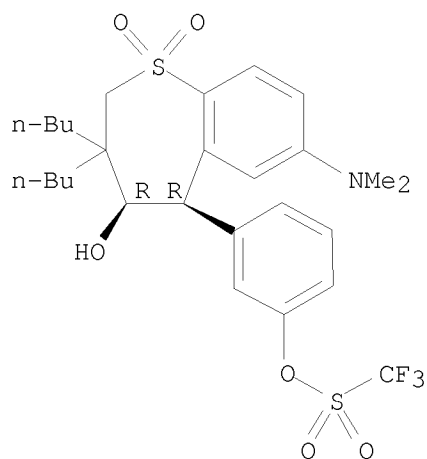
10/590,458



RN 197375-34-1 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-,
3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

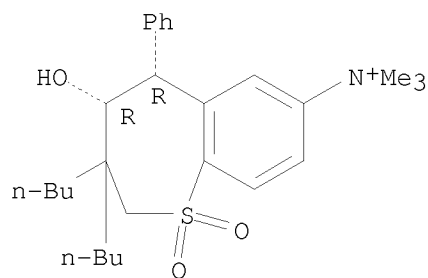


RN 197375-39-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-
trimethyl-5-phenyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX
NAME)

Relative stereochemistry.

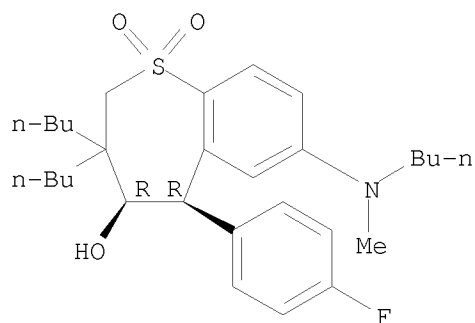
10/590,458



RN 197375-42-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

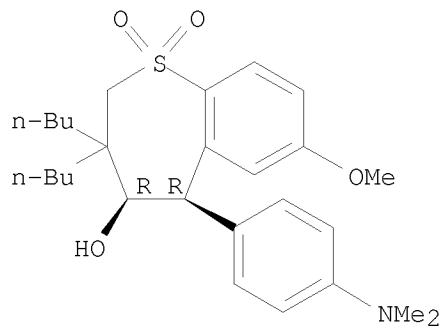
Relative stereochemistry.



RN 197375-44-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

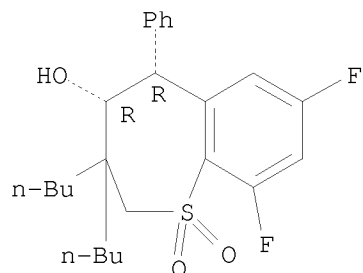


RN 197375-52-3 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

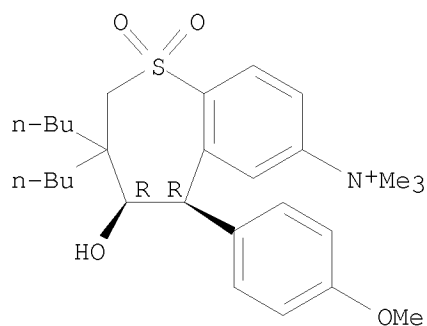
Relative stereochemistry.



RN 197375-57-8 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

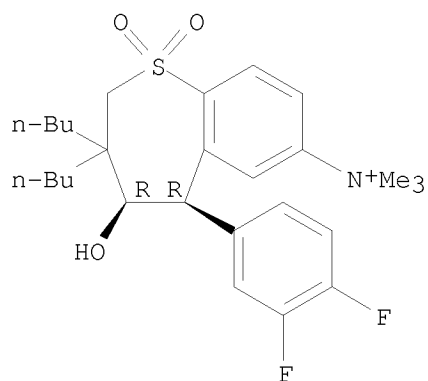


RN 197375-60-3 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3,4-difluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

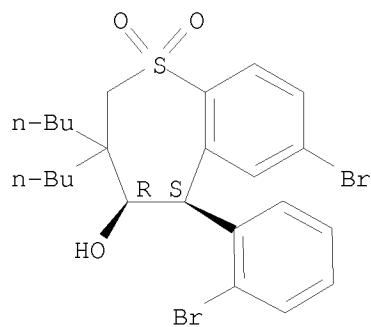
10/590,458



RN 197375-63-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-5-(2-bromophenyl)-3,3-dibutyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

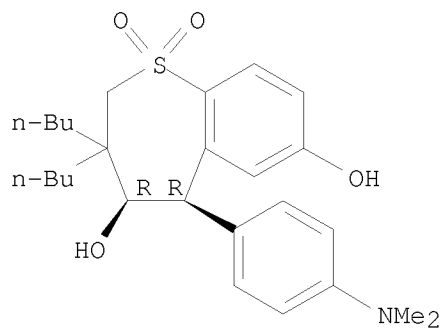


RN 197375-66-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

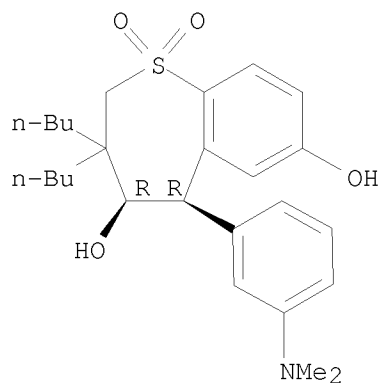
10/590,458



RN 197375-68-1 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

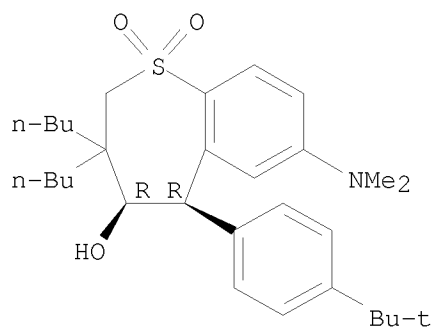
Relative stereochemistry.



RN 197375-70-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-(1,1-dimethylethyl)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



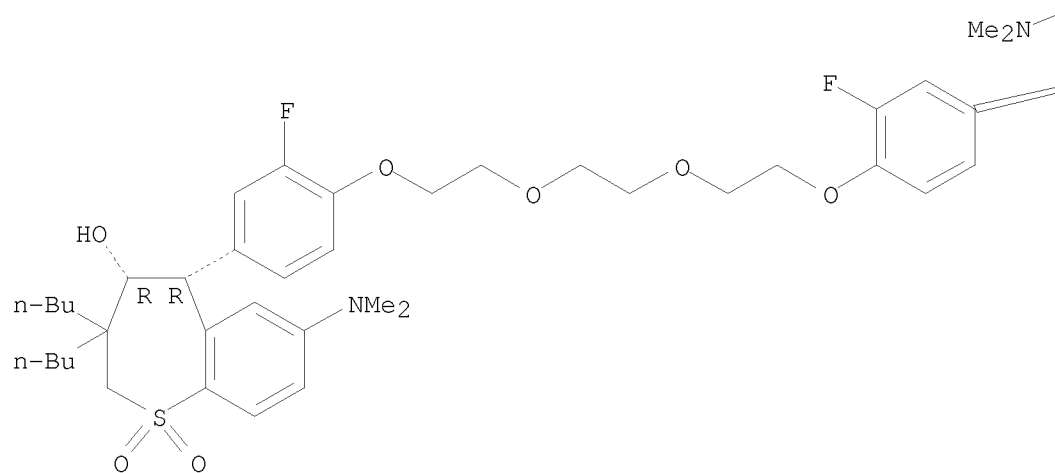
RN 197375-72-7 CAPLUS

10/590,458

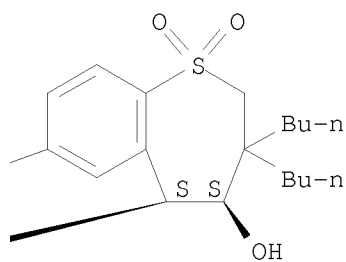
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis[oxy-2,1-ethanediyl]oxy(3-fluoro-4,1-phenylene)]]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

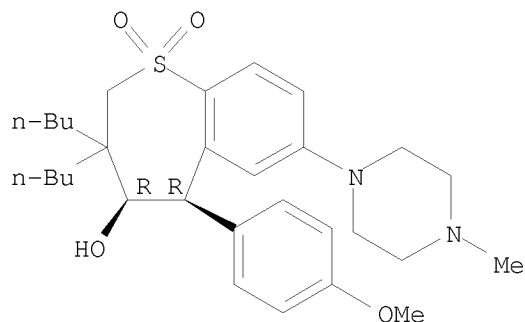


RN 197375-74-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

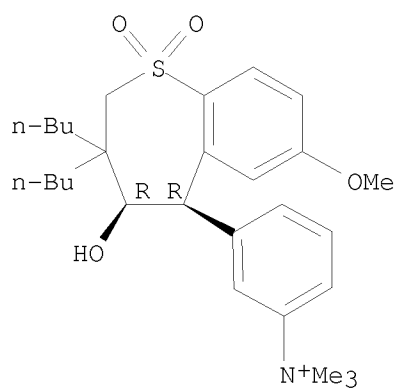
Relative stereochemistry.

10/590,458



RN 197375-75-0 CAPLUS
CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

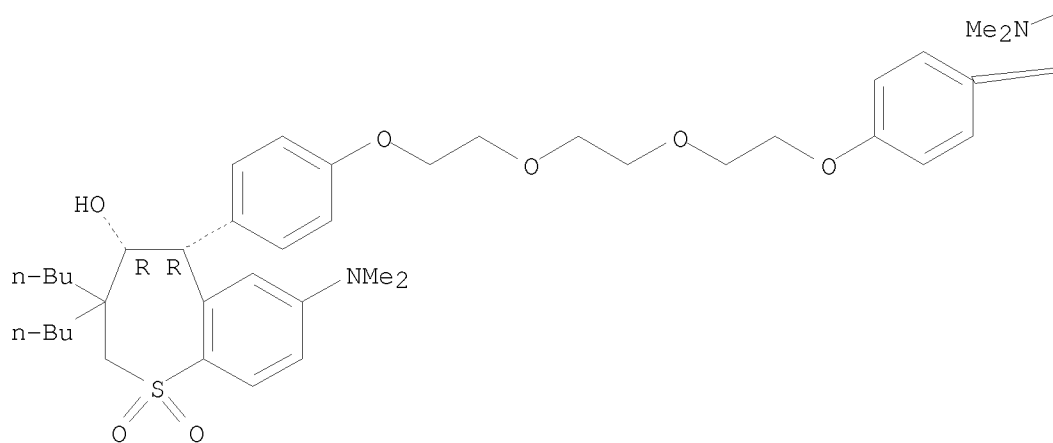
Relative stereochemistry.



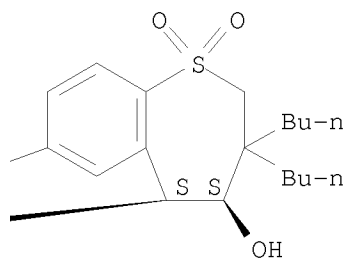
RN 197375-82-9 CAPLUS
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy-4,1-phenylene]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



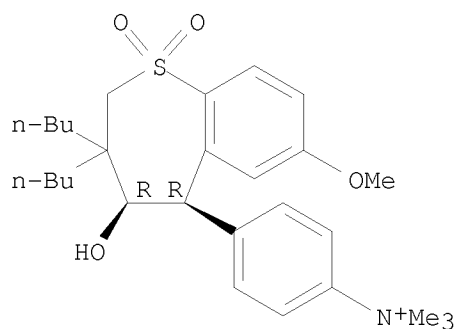
PAGE 1-B



RN 197375-86-3 CAPLUS

CN Benzenaminium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



IT	197375-89-6P	197375-93-2P	197375-94-3P
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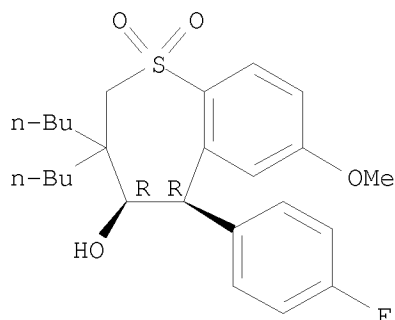
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(hypolipemic agent; preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 197375-89-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

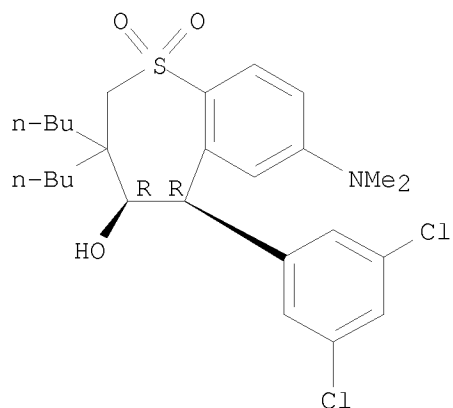


10/590,458

RN 197375-93-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichlorophenyl)-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

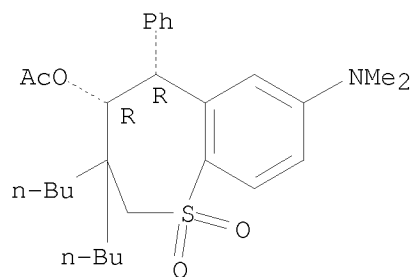
Relative stereochemistry.



RN 197375-94-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-
phenyl-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

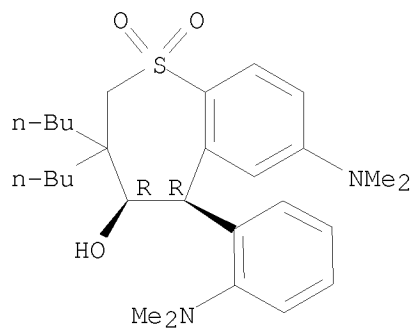


RN 197375-96-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[2-(
dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA
INDEX NAME)

Relative stereochemistry.

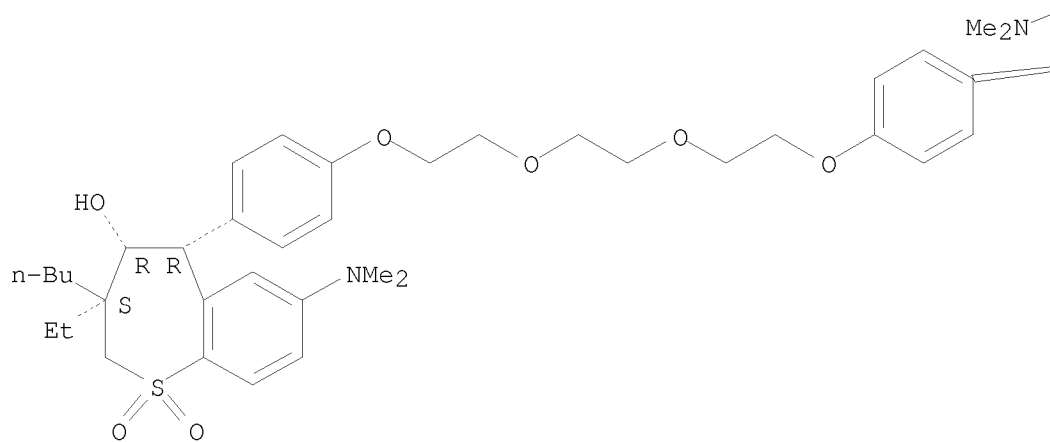
10/590,458

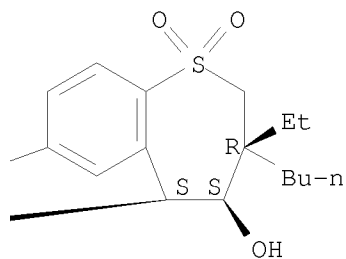


RN 197375-98-7 CAPLUS
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl-4,1-phenylene)]bis[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'S,4S,4'R,5S,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

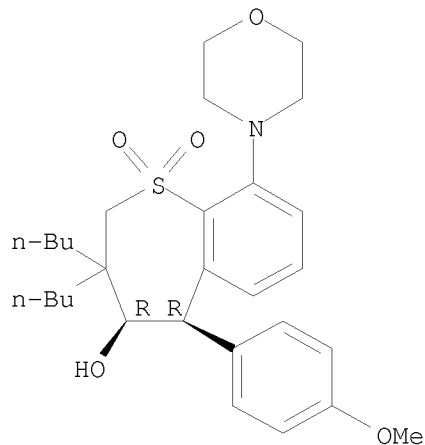




RN 197376-00-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

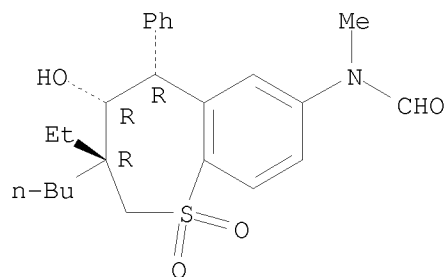
Relative stereochemistry.



RN 197376-02-6 CAPLUS

CN Formamide, N-[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



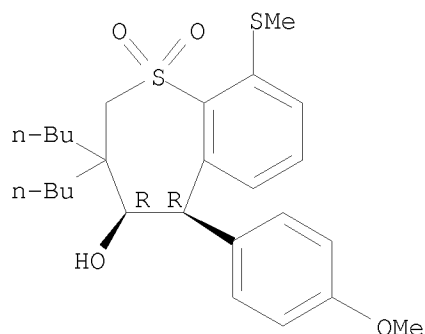
RN 197376-04-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

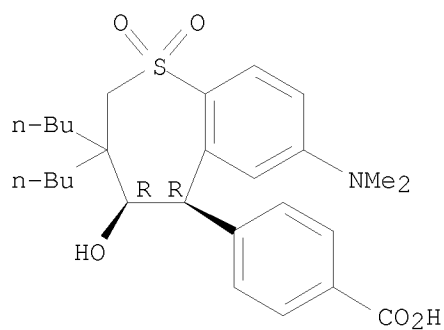
Relative stereochemistry.



RN 197376-07-1 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

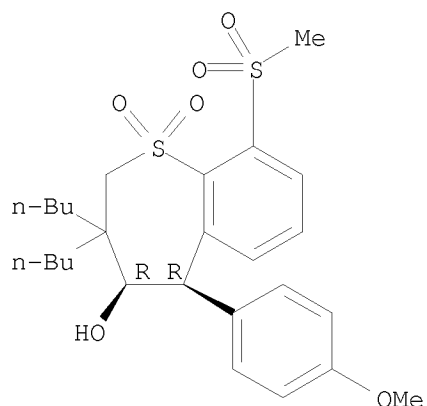


RN 197376-08-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(methylsulfonyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

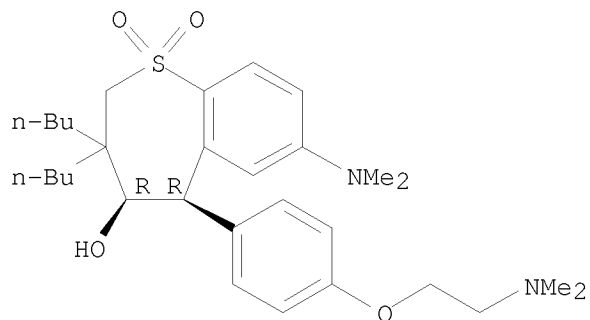
10/590,458



RN 197376-09-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-(dimethylamino)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

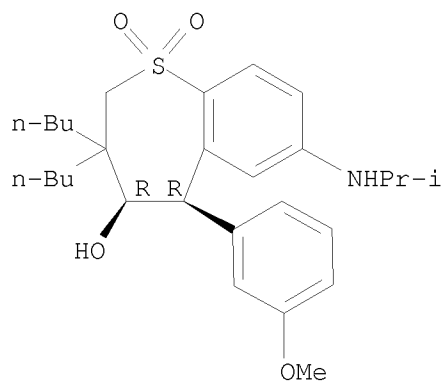
Relative stereochemistry.



RN 197376-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

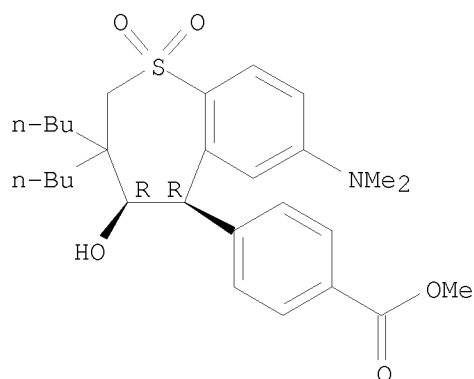


10/590,458

RN 197376-11-7 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

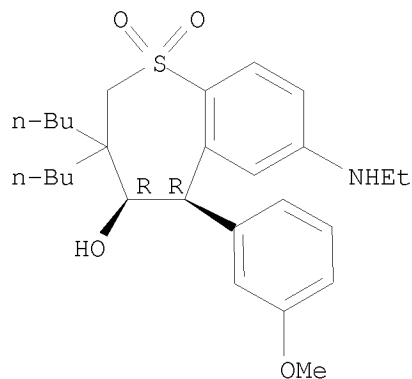
Relative stereochemistry.



RN 197376-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

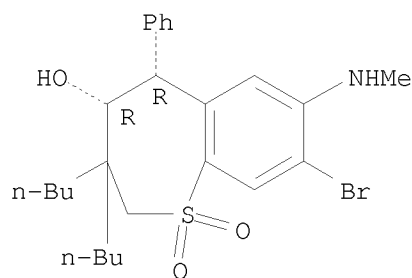


RN 197376-13-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-2,3,4,5-tetrahydro-7-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

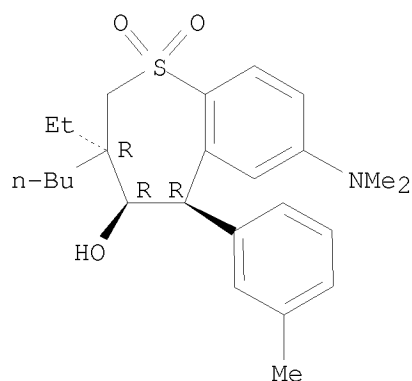
10/590,458



RN 197376-14-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

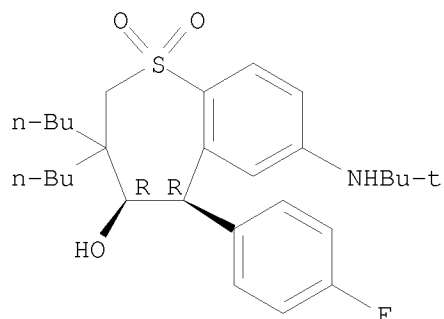
Relative stereochemistry.



RN 197376-15-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



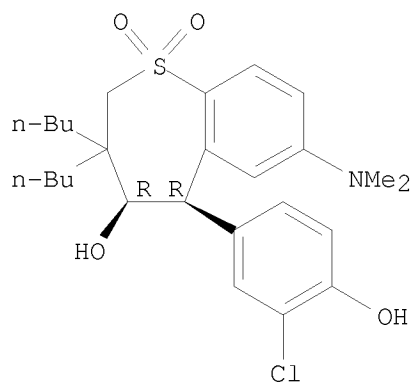
RN 197376-17-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-hydroxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

NAME)

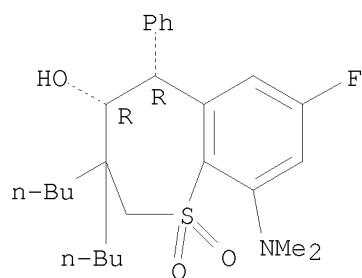
Relative stereochemistry.



RN 197376-18-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

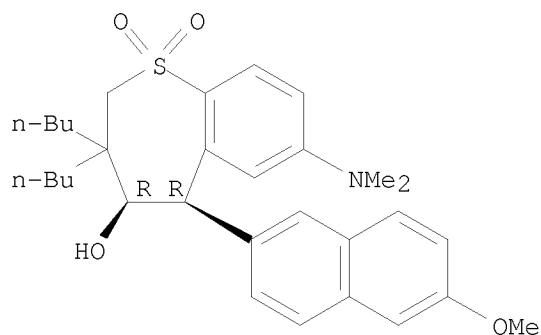
Relative stereochemistry.



RN 197376-19-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-methoxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

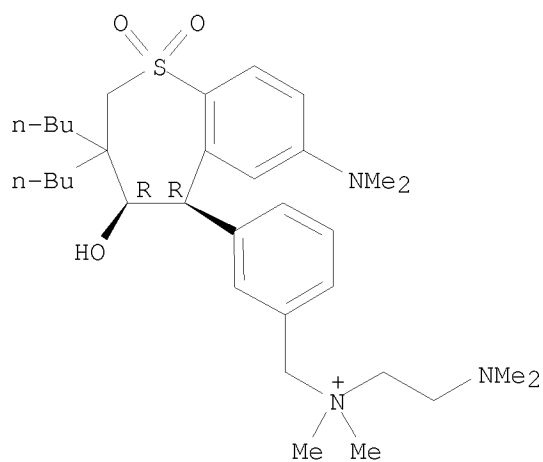


10/590,458

RN 197376-21-9 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

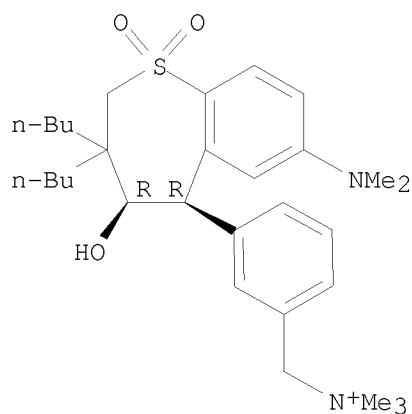
Relative stereochemistry.



RN 197376-22-0 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

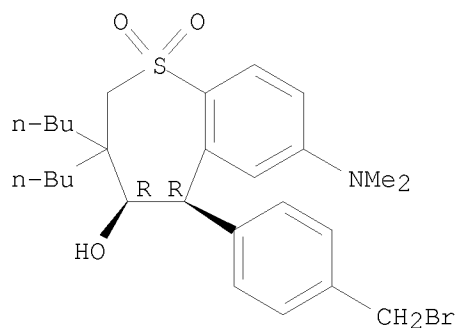
Relative stereochemistry.



10/590,458

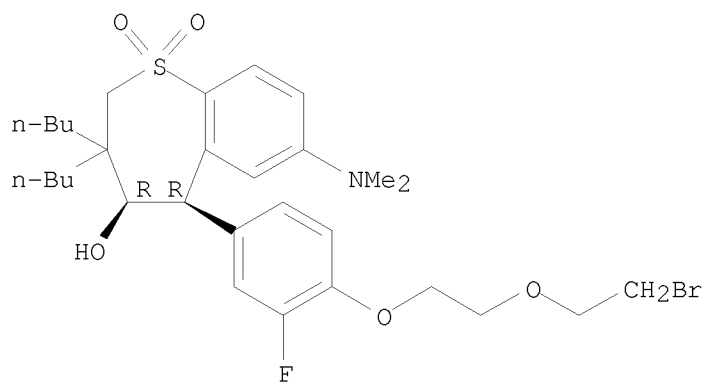
RN 197376-25-3 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197376-31-1 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

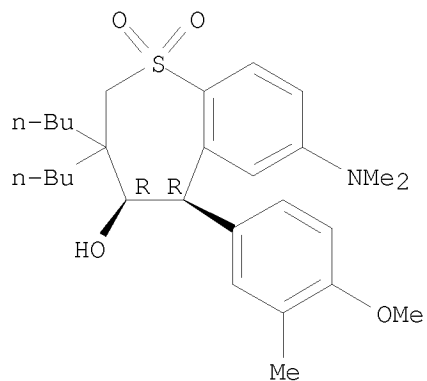
Relative stereochemistry.



RN 197376-32-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxy-3-methylphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

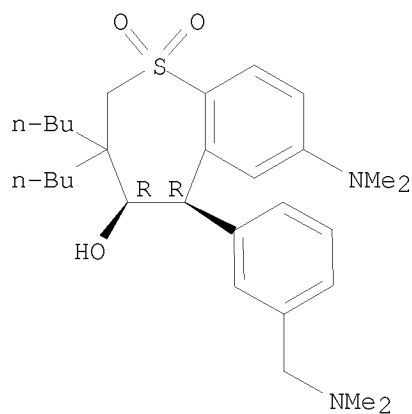
10/590,458



RN 197376-34-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-
[(dimethylamino)methyl]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

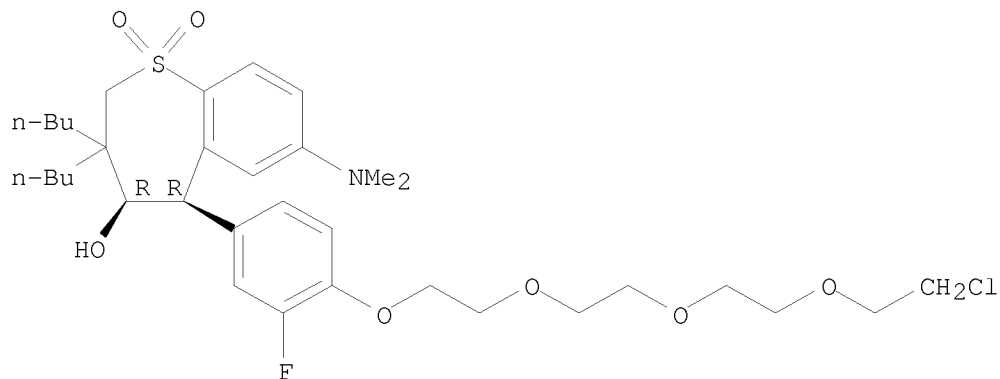


RN 197376-36-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[2-(2-
chloroethoxy)ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

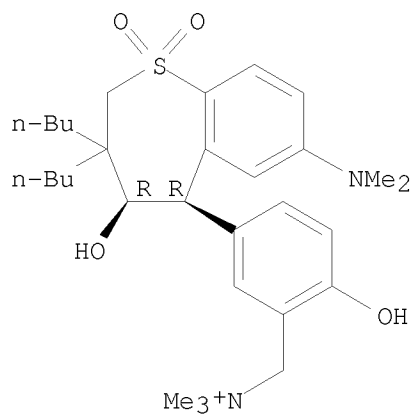
10/590,458



RN 197376-38-8 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-hydroxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



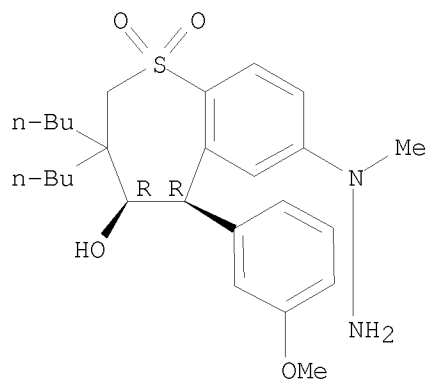
● I⁻

RN 197376-40-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylhydrazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

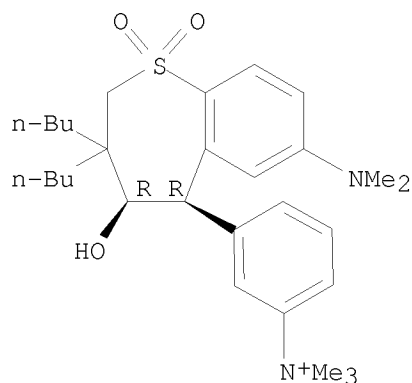
10/590,458



RN 197376-42-4 CAPLUS

CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



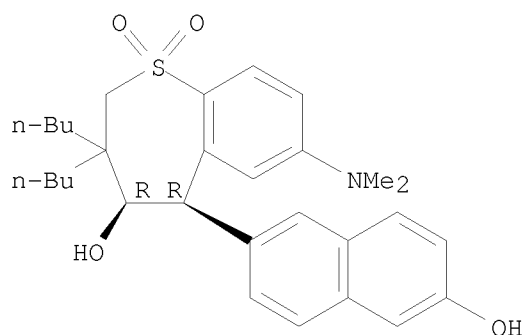
● I⁻

RN 197376-46-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-hydroxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

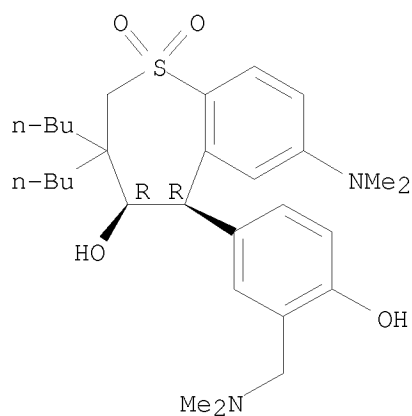
Relative stereochemistry.

10/590,458



RN 197376-49-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-
[(dimethylamino)methyl]-4-hydroxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



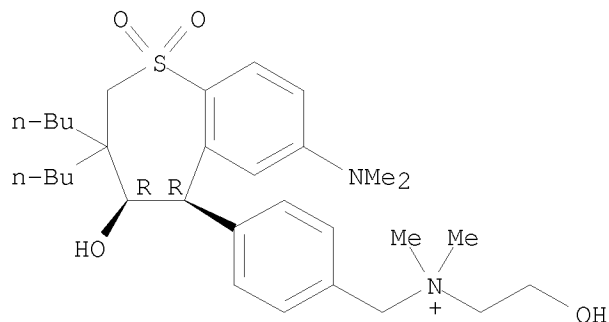
RN 197376-52-6 CAPLUS
CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(2-hydroxyethyl)-
N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197376-51-5
CMF C31 H49 N2 O4 S

Relative stereochemistry.

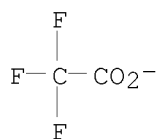
10/590,458



CM 2

CRN 14477-72-6

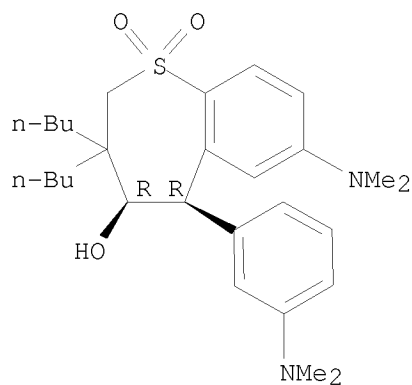
CMF C2 F3 O2



RN 197376-55-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

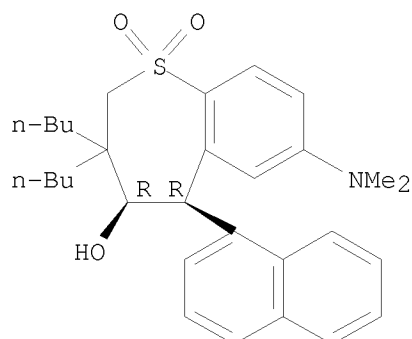


RN 197376-58-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(1-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

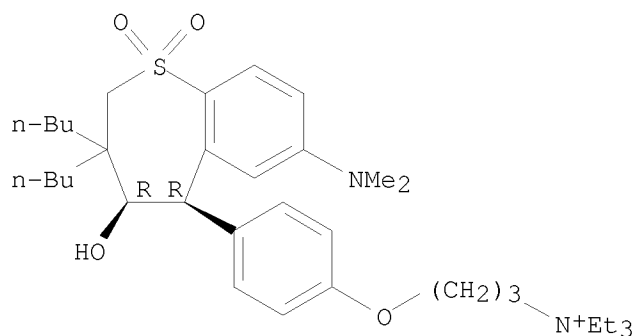
10/590,458



RN 197376-61-7 CAPLUS

CN 1-Propanaminium, 3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

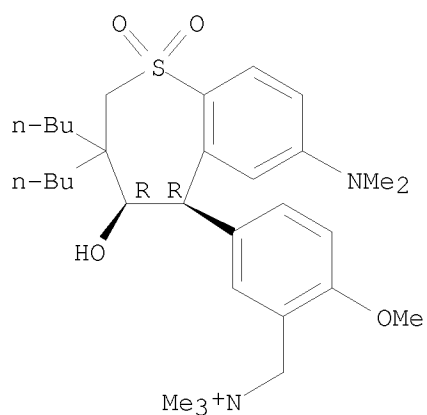


RN 197376-64-0 CAPLUS

CN Benzenemethanaminium, 5-[[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-methoxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

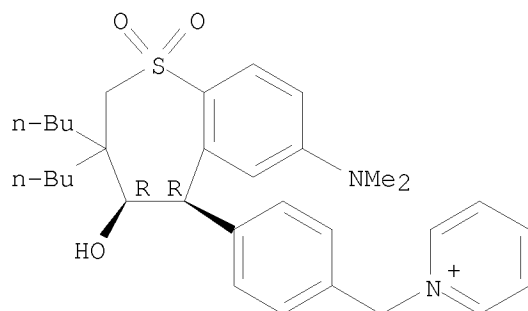
Relative stereochemistry.

10/590,458



RN 197376-67-3 CAPLUS
CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

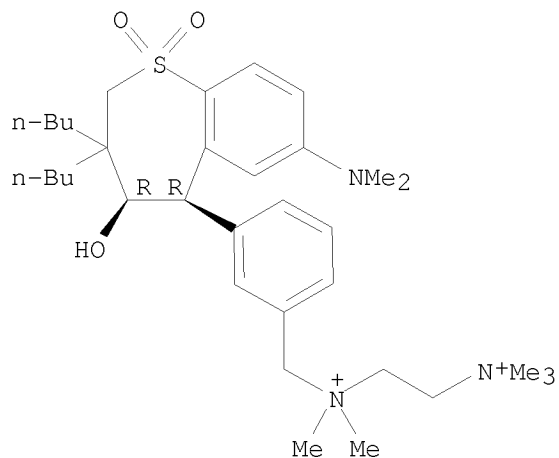
Relative stereochemistry.



RN 197376-69-5 CAPLUS
CN 1,2-Ethanediaminium, N1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

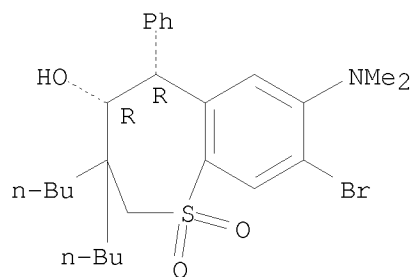


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RN 197376-73-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

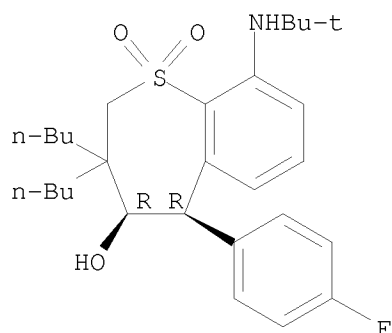


RN 197376-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

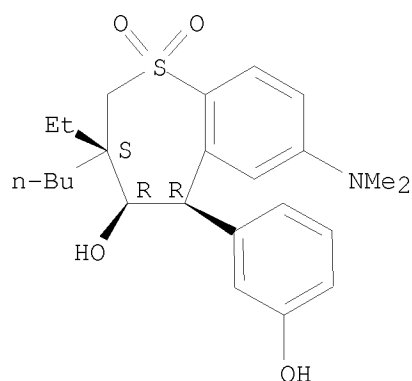
10/590,458



RN 197376-75-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

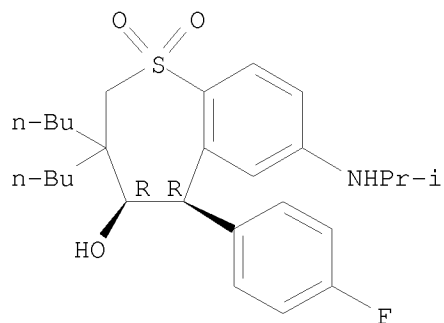
Relative stereochemistry.



RN 197376-78-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



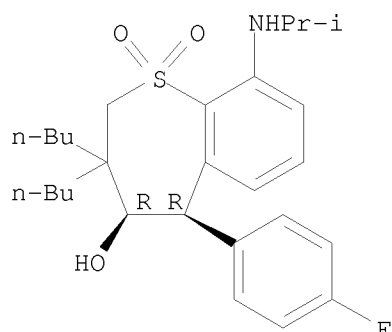
RN 197376-79-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

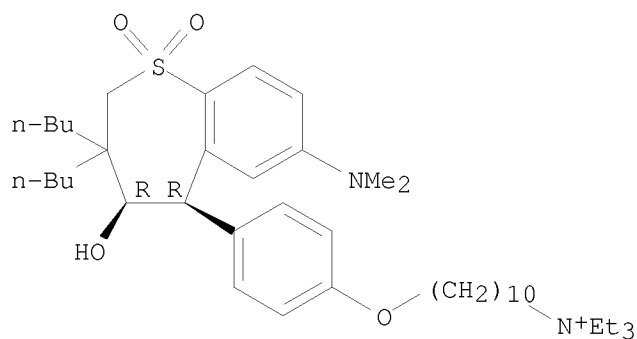
Relative stereochemistry.



RN 197376-82-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

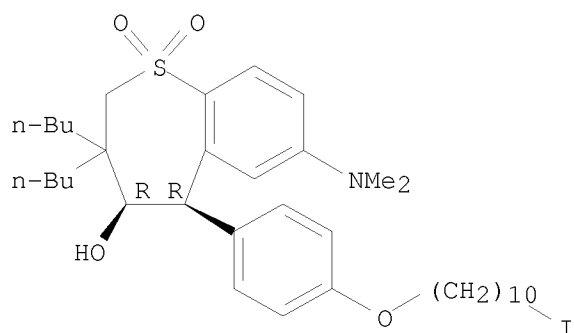


RN 197376-83-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(10-iododecyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

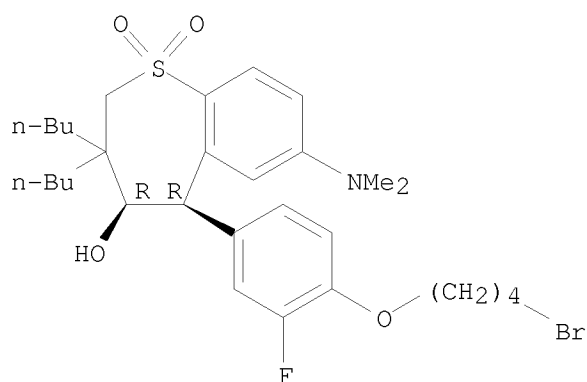
10/590,458



RN 197376-84-4 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-(4-bromobutoxy)-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

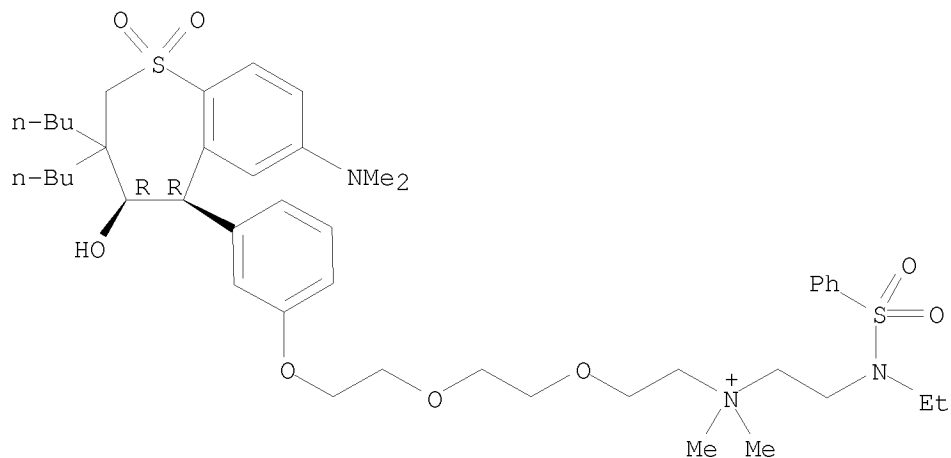


RN 197376-85-5 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(phenylsulfonyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

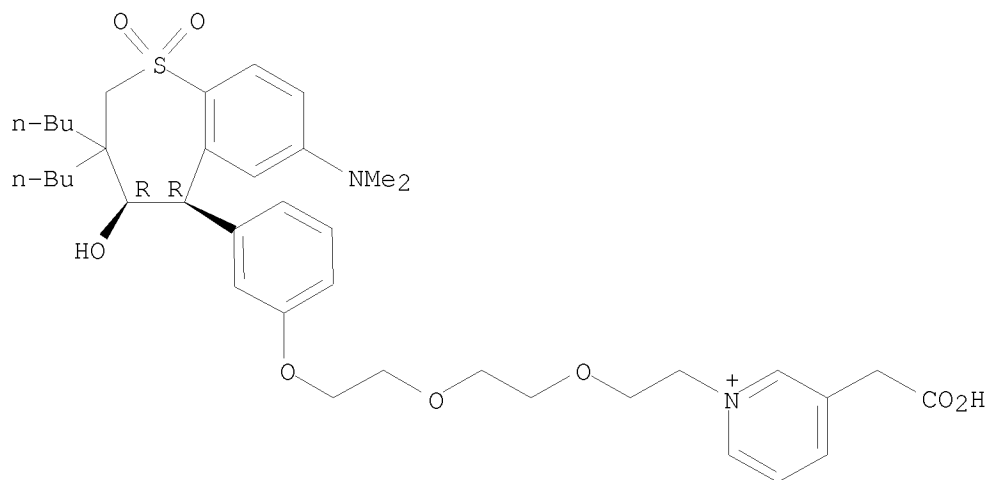


● I⁻

RN 197376-86-6 CAPLUS

CN Pyridinium, 3-(carboxymethyl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

RN 197376-88-8 CAPLUS

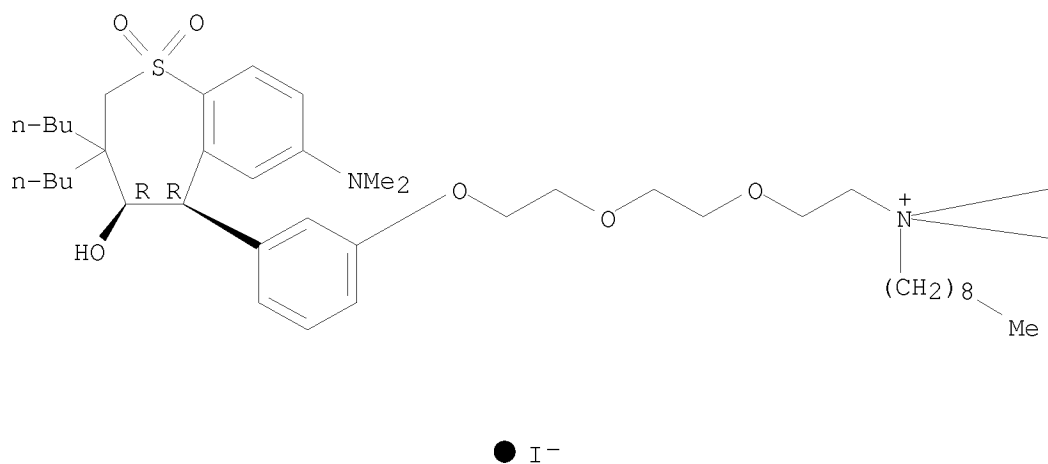
CN 1-Nonanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

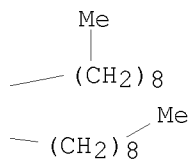
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dinonyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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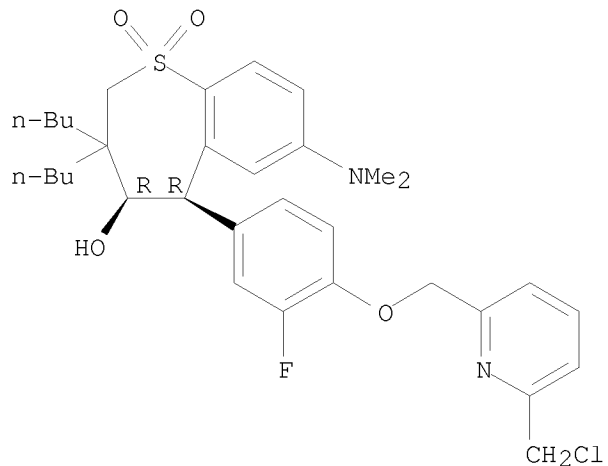
PAGE 1-B



RN 197376-89-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

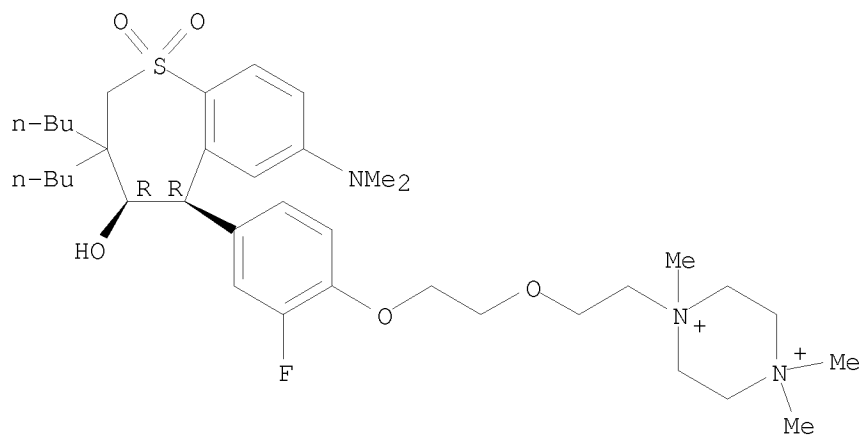
Relative stereochemistry.

10/590,458



RN 197376-90-2 CAPLUS
 CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

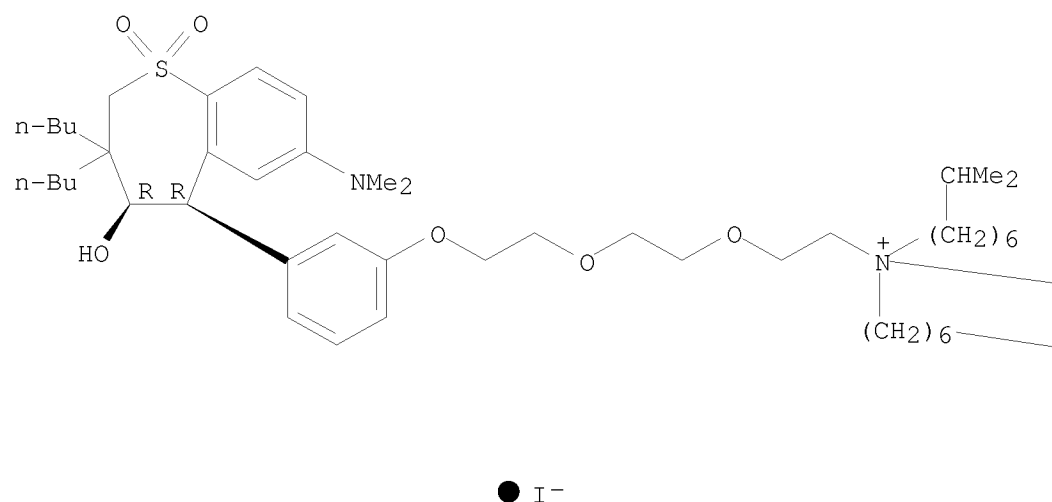


● 2 I⁻

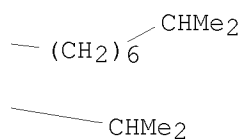
RN 197376-92-4 CAPLUS
 CN 1-Octanaminiun, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-7-methyl-N,N-bis(7-methyloctyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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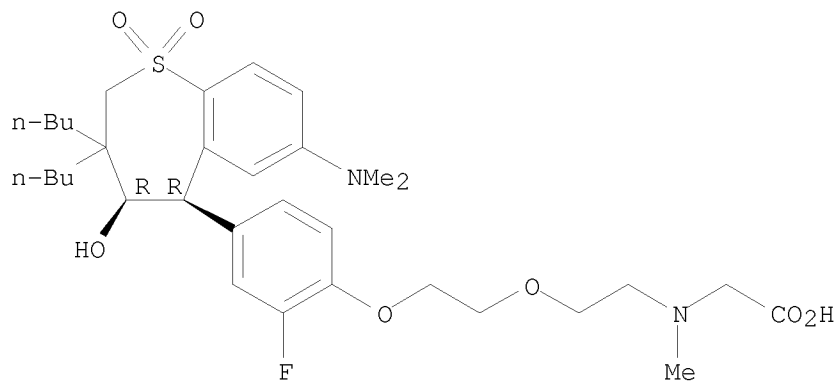
PAGE 1-B



RN 197376-94-6 CAPLUS
 CN Glycine, N-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

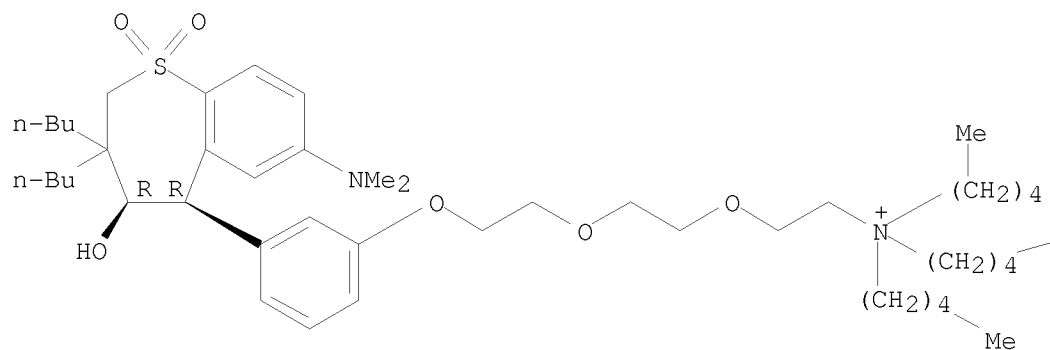


RN 197376-95-7 CAPLUS

CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-dipentyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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● I⁻

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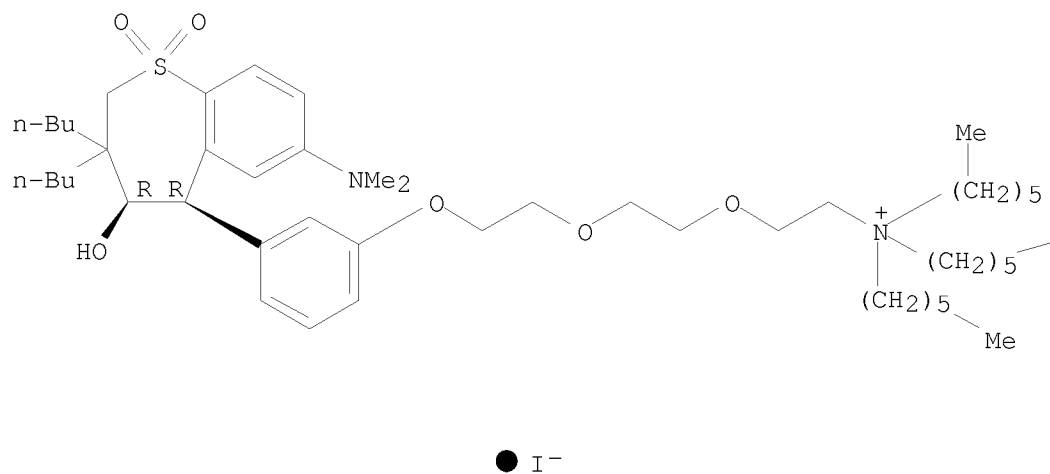
—Me

RN 197376-97-9 CAPLUS

CN 1-Hexanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dihexyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

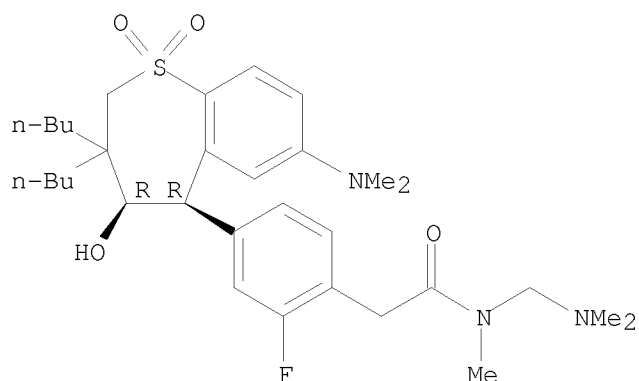
—Me

RN 197376-99-1 CAPLUS

10/590,458

CN Benzeneacetamide, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[(dimethylamino)methyl]-2-fluoro-N-methyl-, rel- (CA INDEX NAME)

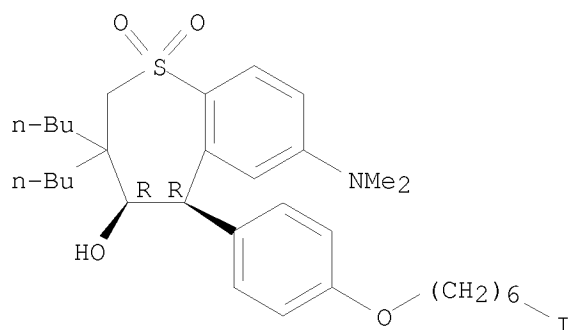
Relative stereochemistry.



RN 197377-00-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(6-iodohexyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

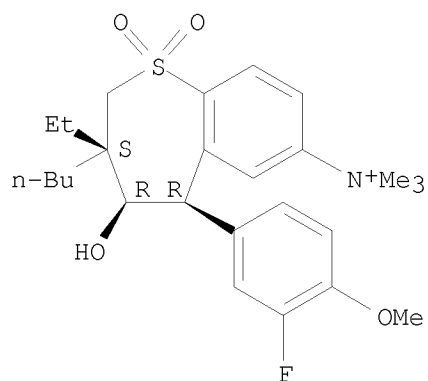


RN 197377-02-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

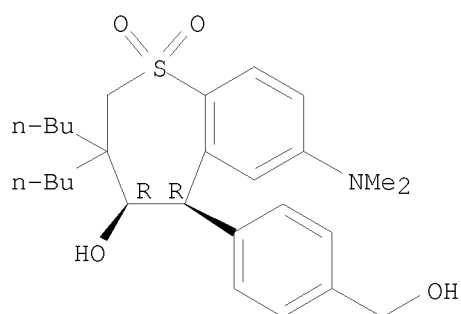
10/590,458



RN 197377-03-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

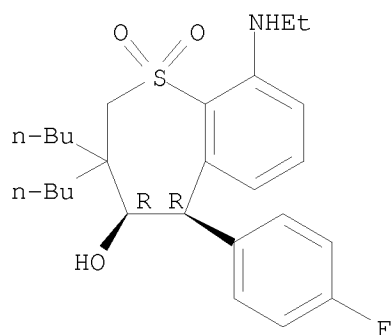


RN 197377-05-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

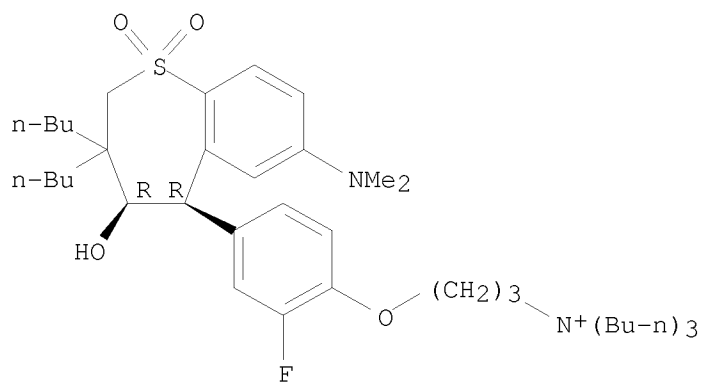


RN 197377-09-6 CAPLUS
 CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

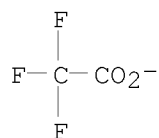
CRN 197377-08-5
 CMF C41 H68 F N2 O4 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

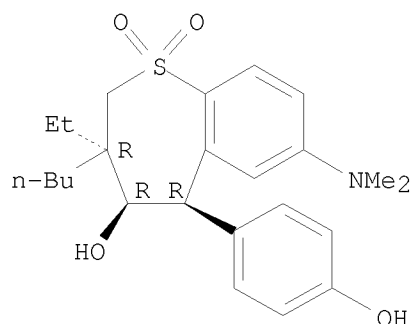


10/590,458

RN 197377-10-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

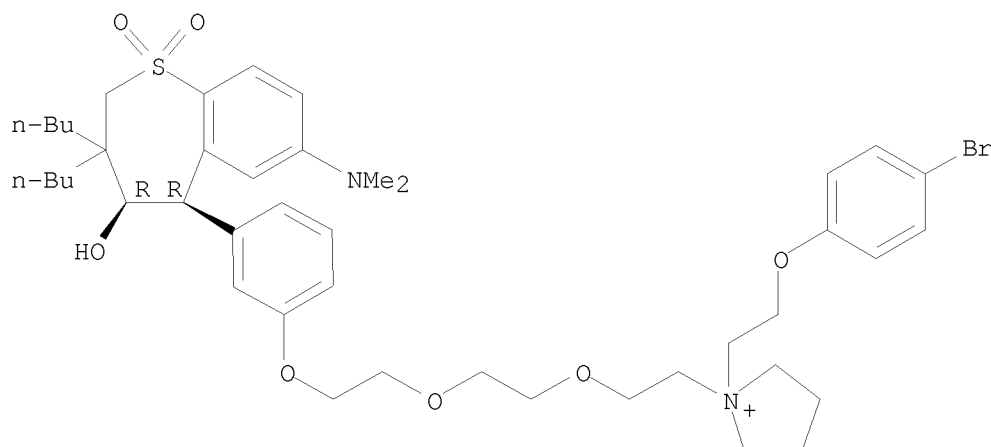
Relative stereochemistry.



RN 197377-11-0 CAPLUS

CN Pyrrolidinium, 1-[2-(4-bromophenoxy)ethyl]-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

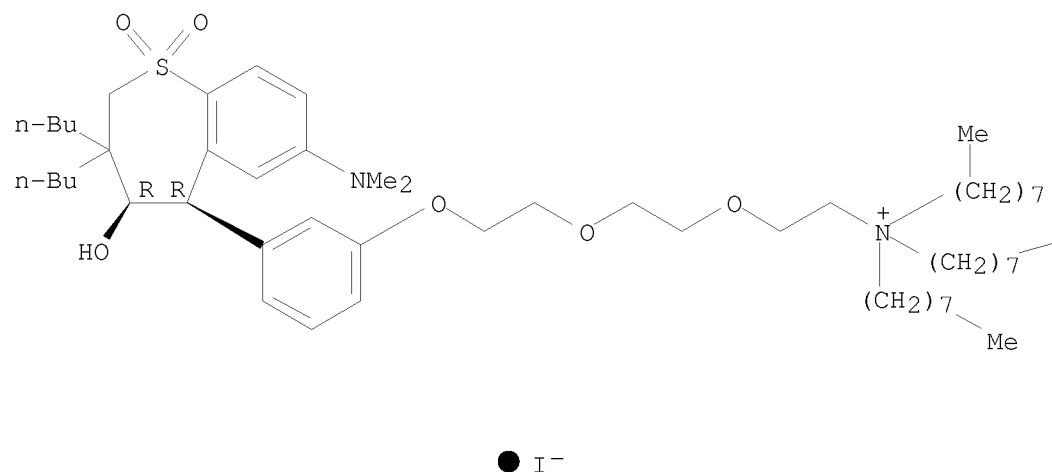


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RN 197377-12-1 CAPLUS

CN 1-Octanaminiun, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dioctyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



— Me

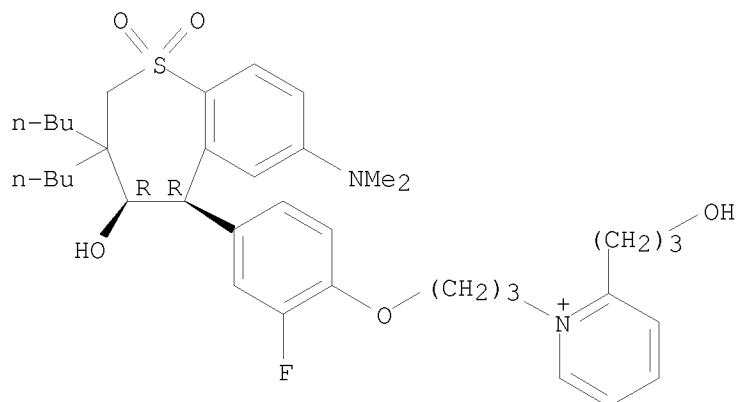
RN	197377-14-3	CAPLUS
CN	Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-2-(3-hydroxypropyl)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)	

CM 1

CRN 197377-13-2
CMF C37 H52 F N2 O5 S

Relative stereochemistry.

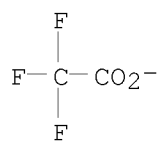
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2



RN 197377-16-5 CAPLUS

CN Pyridinium, 2-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

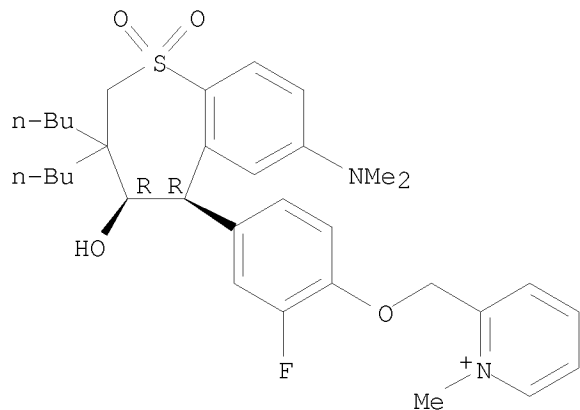
CM 1

CRN 197377-15-4

CMF C33 H44 F N2 O4 S

Relative stereochemistry.

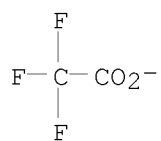
10/590,458



CM 2

CRN 14477-72-6

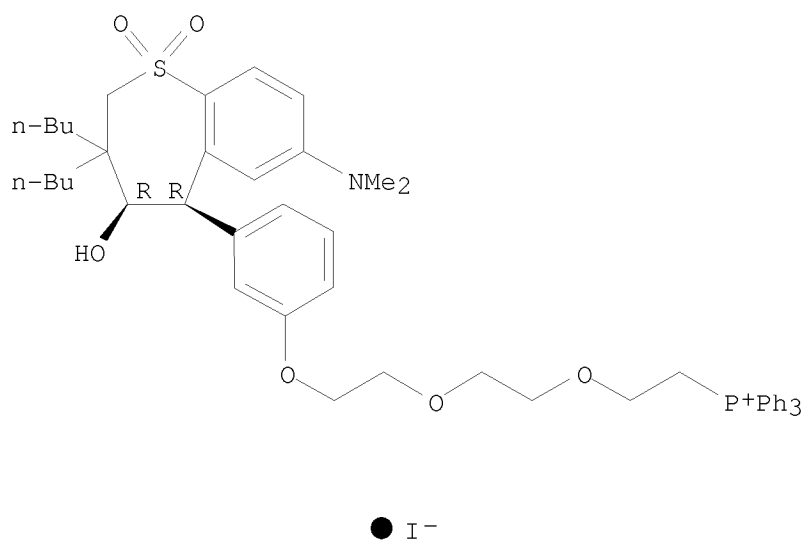
CMF C2 F3 O2



RN 197377-17-6 CAPLUS

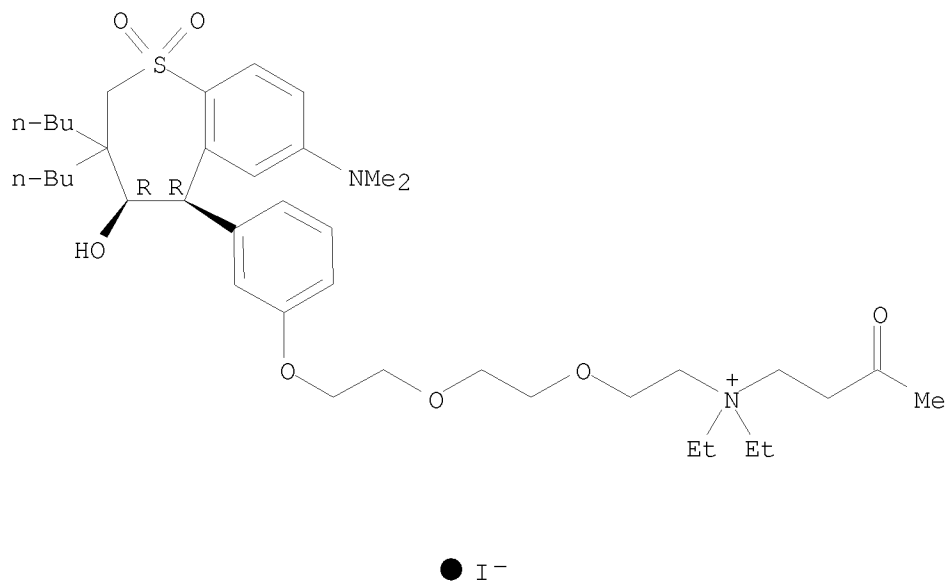
CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triphenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-18-7 CAPLUS
 CN 1-Butanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-3-oxo-, iodide (1:1), rel- (CA INDEX NAME)

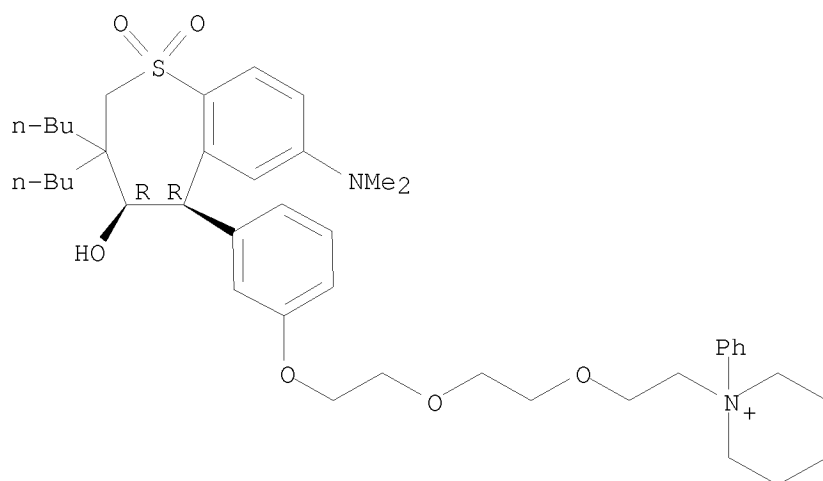
Relative stereochemistry.



RN 197377-19-8 CAPLUS
 CN Piperidininium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

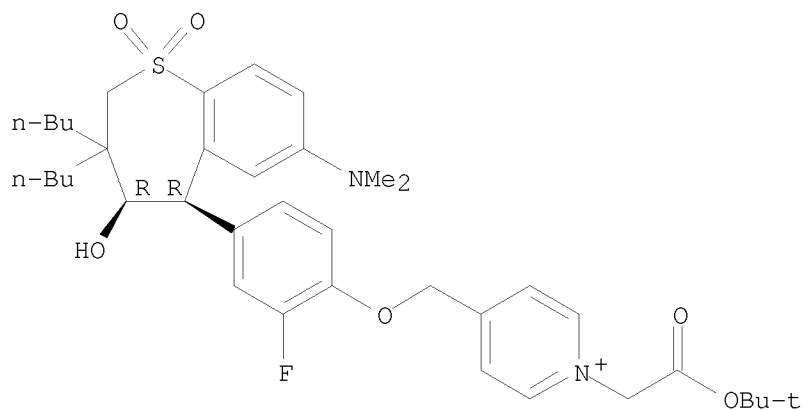
10/590,458

Relative stereochemistry.



RN 197377-20-1 CAPLUS
CN Pyridinium, 4-[[4-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-[2-(1,1-dimethylethoxy)-2-oxoethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

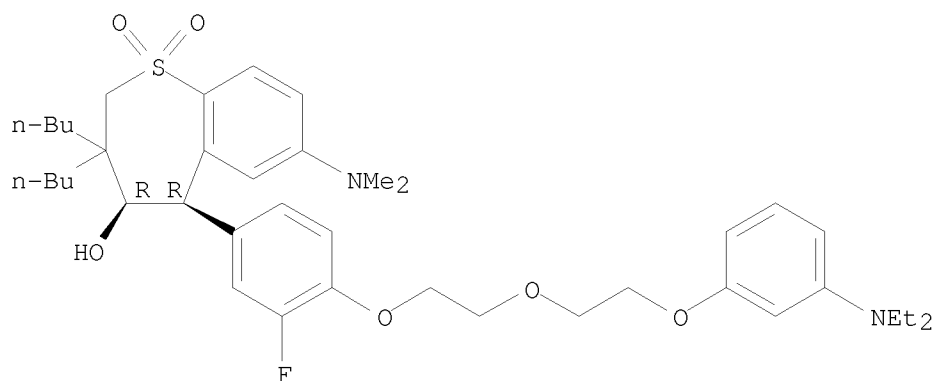


RN 197377-21-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[3-(diethylamino)phenoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

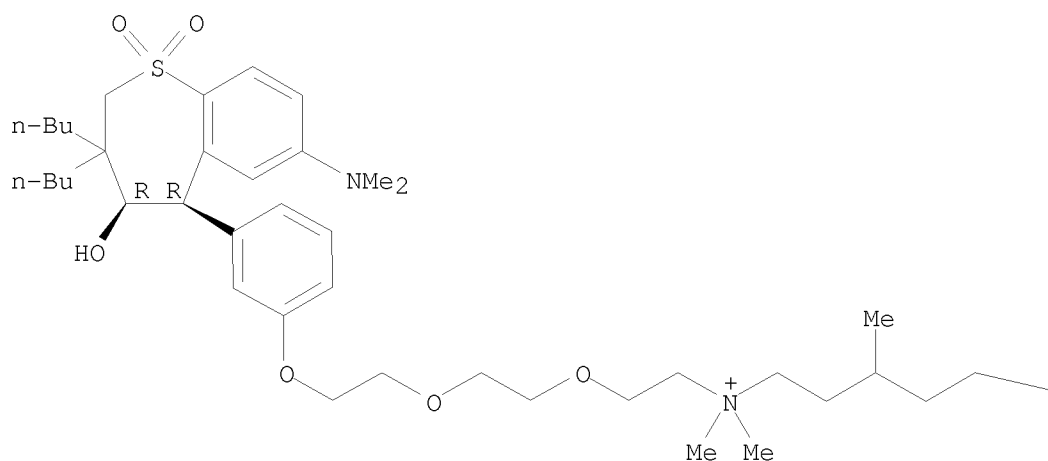


RN 197377-22-3 CAPLUS

CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5-(dimethylamino)-N,N,3-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

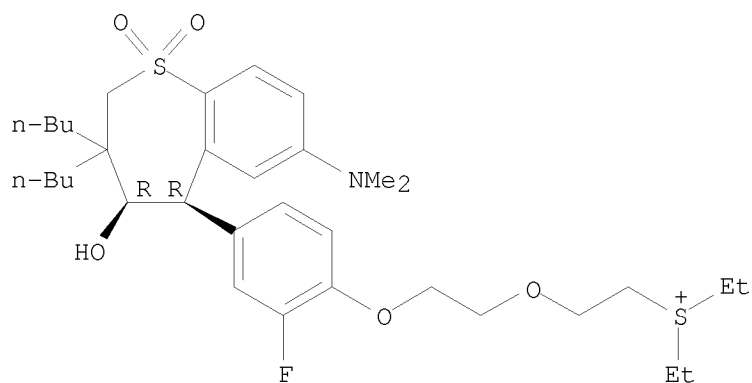


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—NMe₂

RN 197377-23-4 CAPLUS
 CN Sulfonium, [2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]diethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

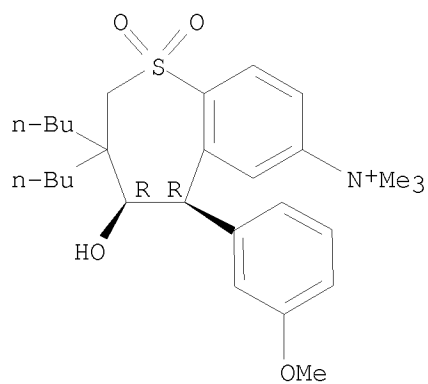


● F⁻

RN 197377-24-5 CAPLUS
 CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

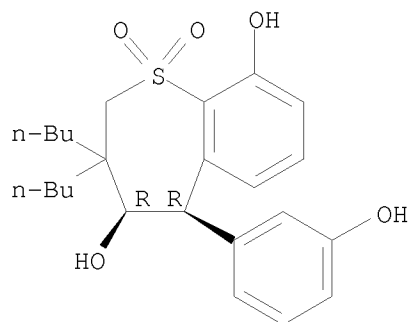
10/590,458



RN 197377-25-6 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

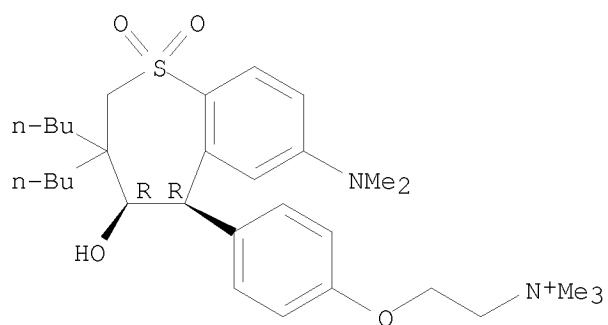


RN 197377-26-7 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

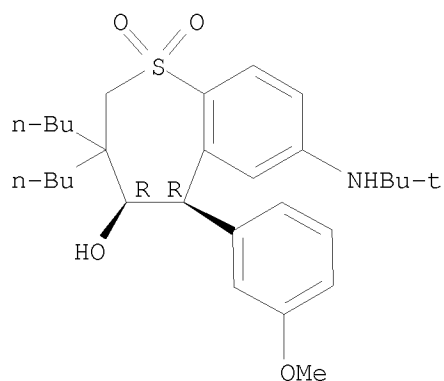
Relative stereochemistry.

10/590,458



RN 197377-27-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

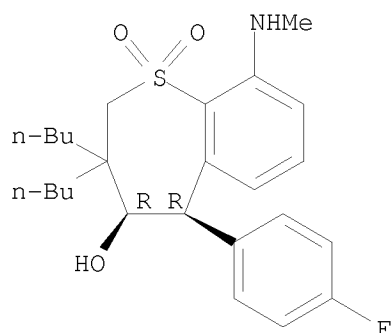
Relative stereochemistry.



RN 197377-28-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

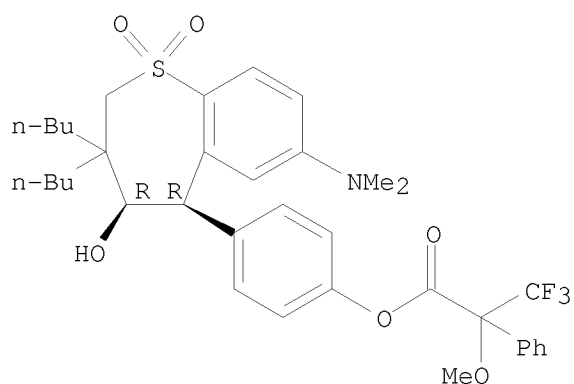
10/590,458



RN 197377-29-0 CAPLUS

CN Benzeneacetic acid, α -methoxy- α -(trifluoromethyl)-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

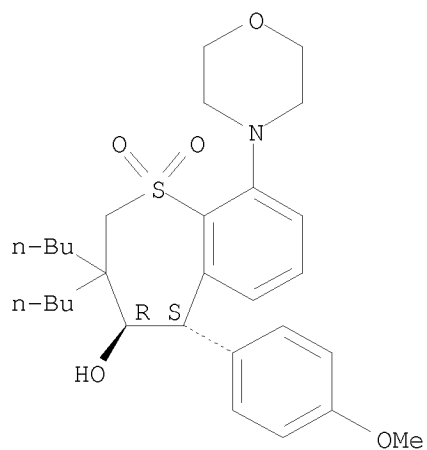
Relative stereochemistry.



RN 197377-30-3 CAPLUS

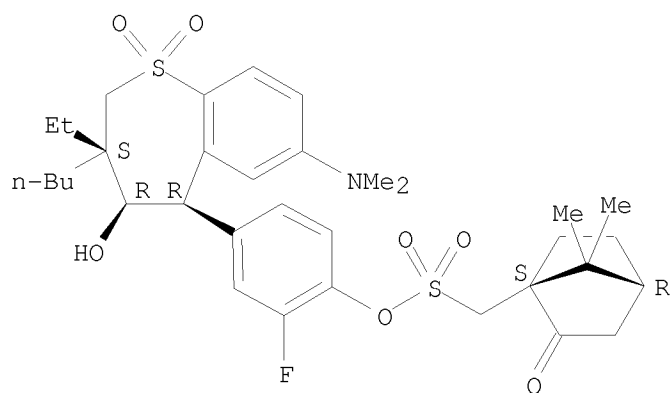
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-31-4 CAPLUS
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,
 4-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenyl ester,
 (1R,4S)-rel- (CA INDEX NAME)

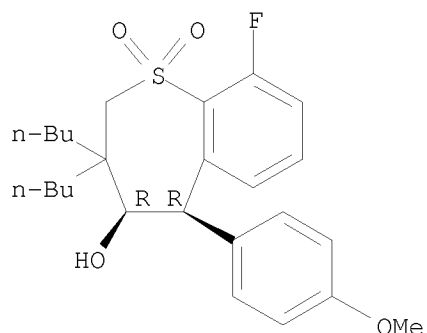
Relative stereochemistry.



RN 197377-32-5 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-2,3,4,5-tetrahydro-5-(4-
 methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

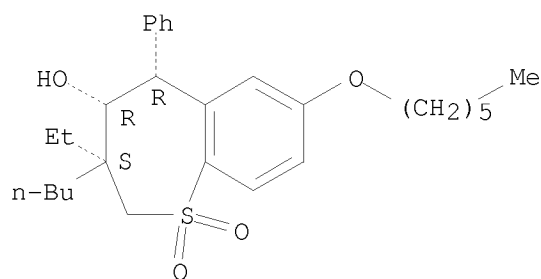
10/590,458



RN 197377-33-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

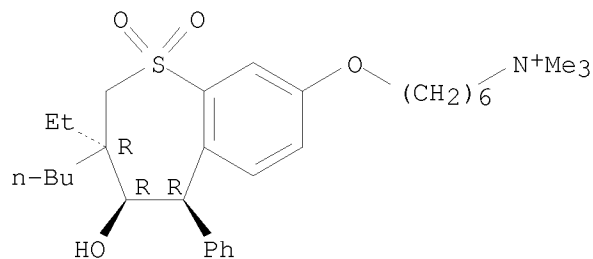
Relative stereochemistry.



RN 197377-34-7 CAPLUS

CN 1-Hexanaminium, 6-[[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



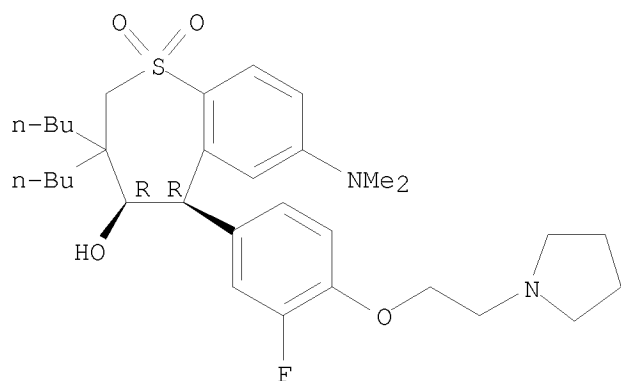
RN 197377-35-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-(1-

10/590,458

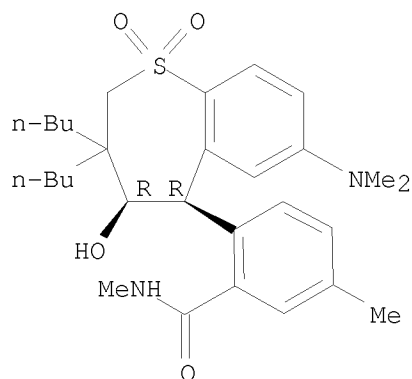
pyrrolidinyl)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel-
(CA INDEX NAME)

Relative stereochemistry.



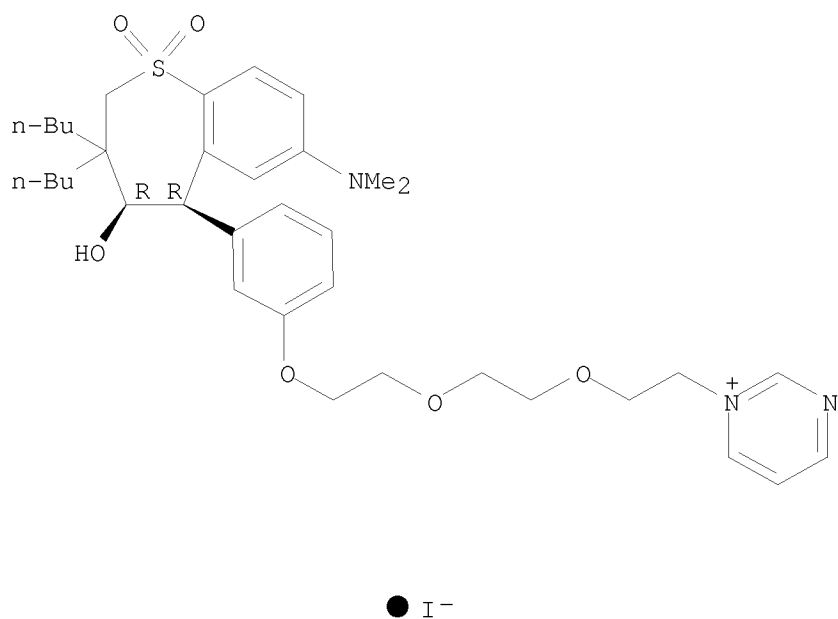
RN 197377-36-9 CAPLUS
CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,5-dimethyl-, rel- (CA INDEX
NAME)

Relative stereochemistry.



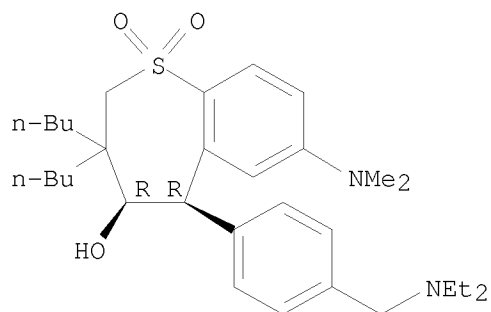
RN 197377-37-0 CAPLUS
CN Pyrimidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-38-1 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(diethylamino)methyl]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

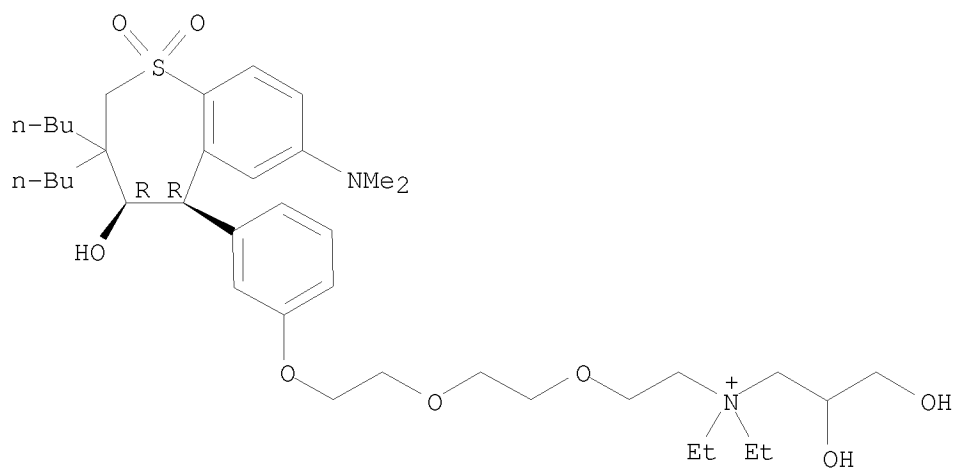
Relative stereochemistry.



RN 197377-39-2 CAPLUS
 CN 1-Propanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-2,3-dihydroxy-, iodide (1:1), rel- (CA INDEX NAME)

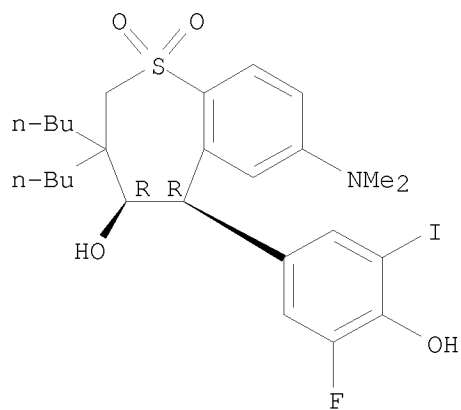
Relative stereochemistry.

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RN 197377-40-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxy-5-iodophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



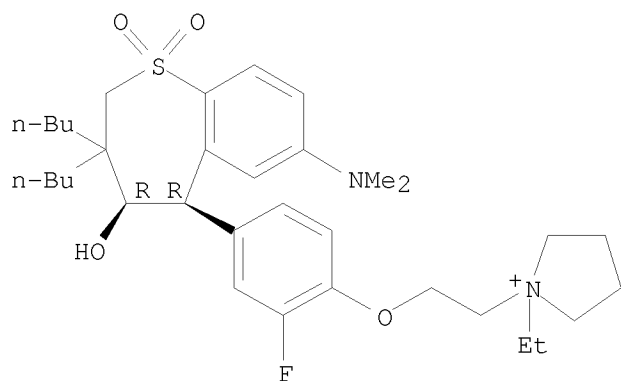
RN 197377-42-7 CAPLUS
CN Pyrrolidinium, 1-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-41-6
CMF C34 H52 F N2 O4 S

10/590,458

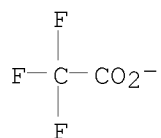
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

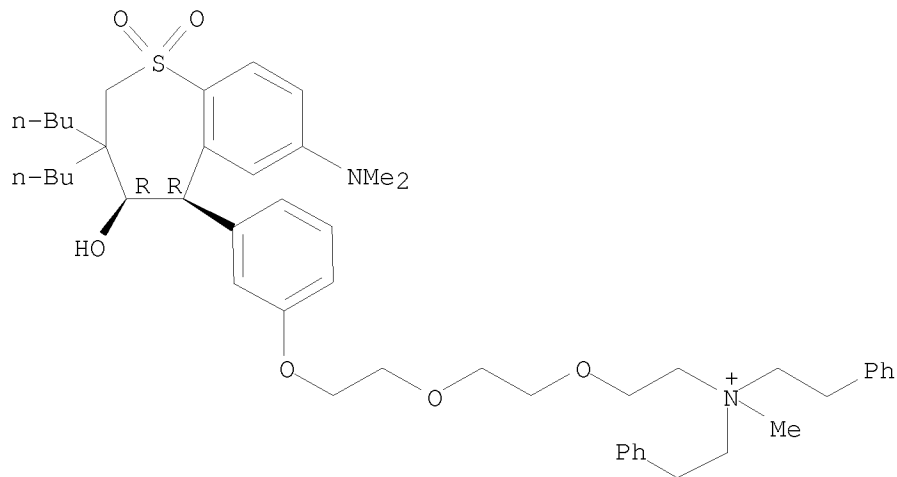


RN 197377-43-8 CAPLUS

CN Benzeneethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-N-(2-phenylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

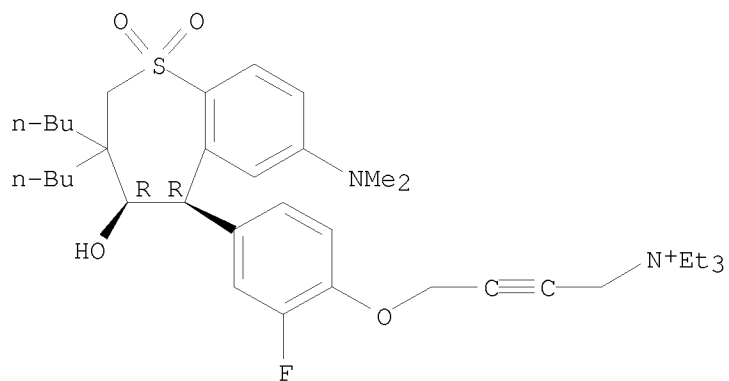


RN 197377-45-0 CAPLUS
CN 2-Butyn-1-aminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-44-9
CMF C36 H54 F N2 O4 S

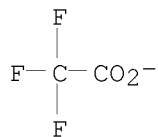
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

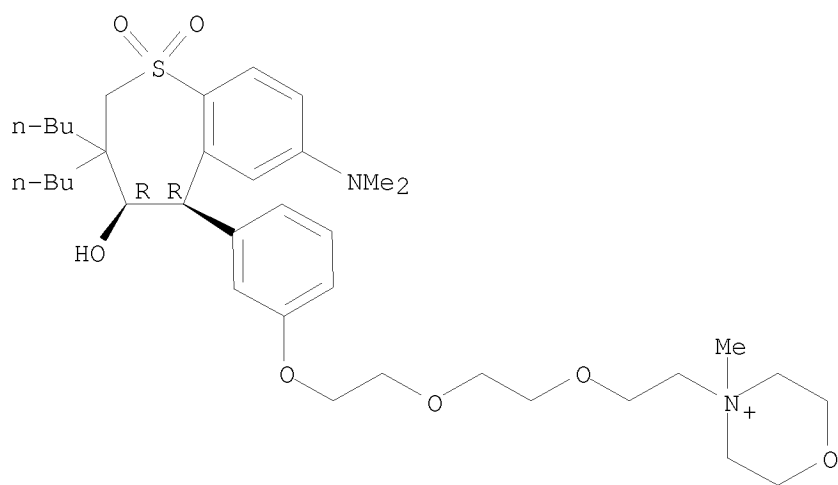
10/590,458



RN 197377-46-1 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

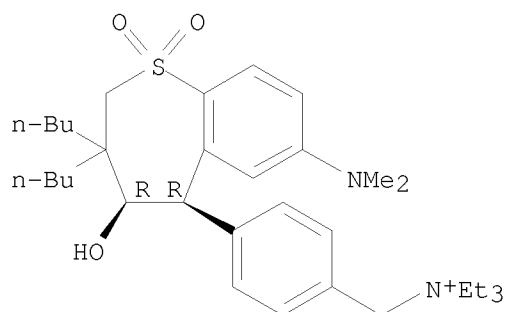


RN 197377-47-2 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

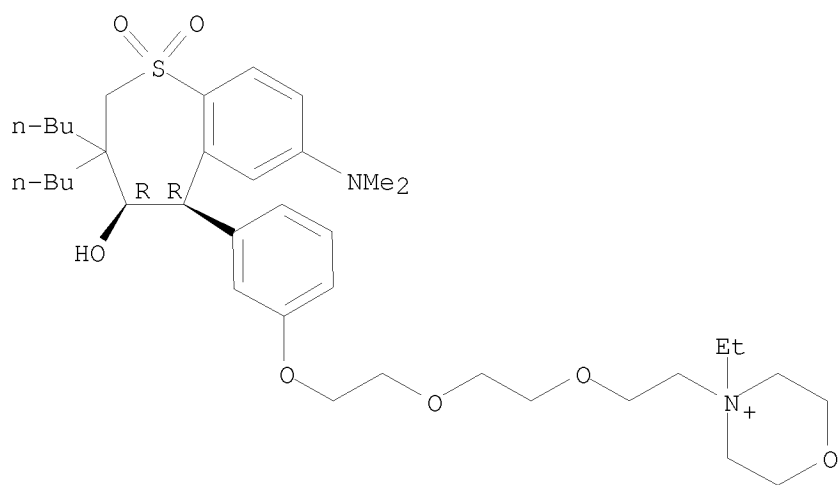
Relative stereochemistry.

10/590,458



RN 197377-48-3 CAPLUS
CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

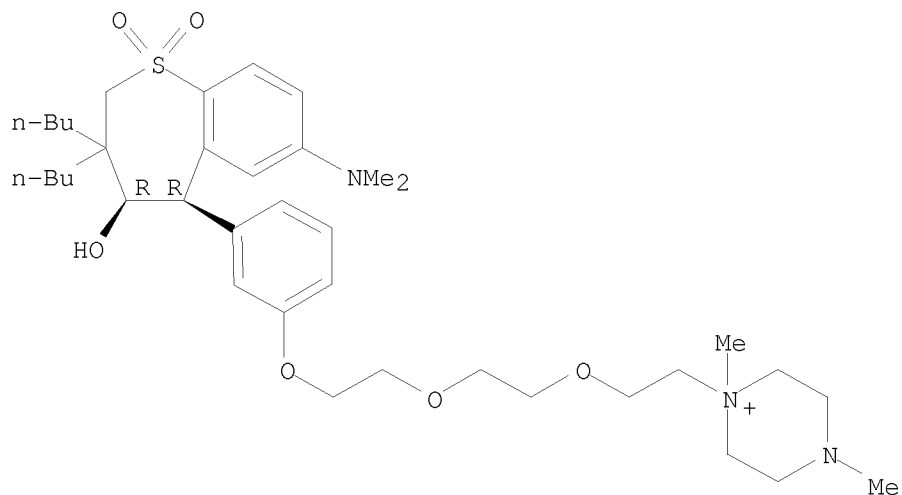
Relative stereochemistry.



RN 197377-49-4 CAPLUS
CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

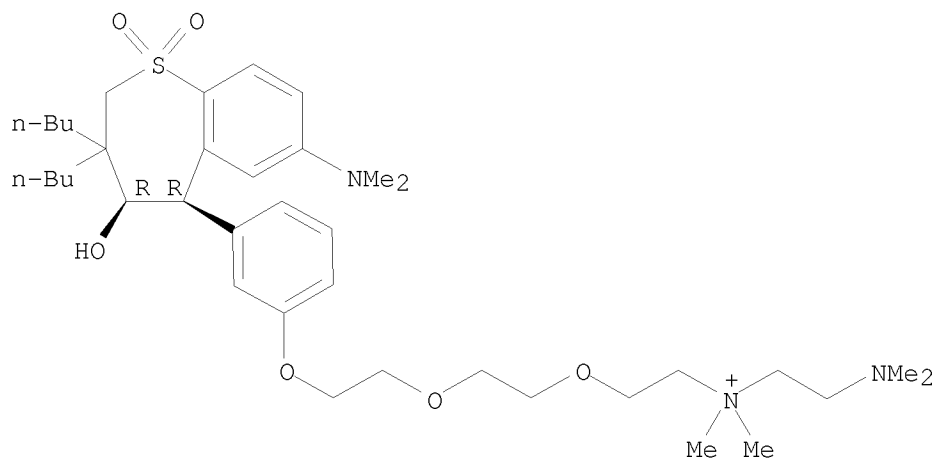
Relative stereochemistry.



RN 197377-50-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

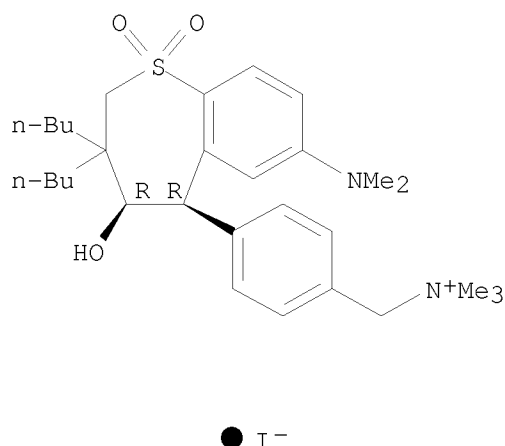


RN 197377-51-8 CAPLUS

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CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

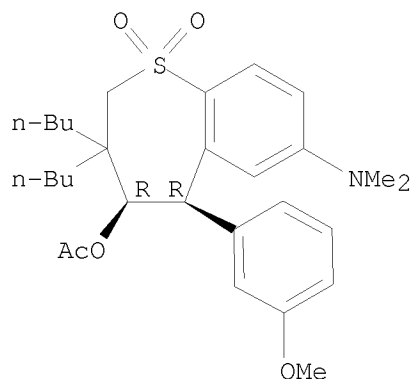
Relative stereochemistry.



RN 197377-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-57-4 CAPLUS

CN Benzenaminium, 2-[[10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]decyl]oxy]-N-ethyl-N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

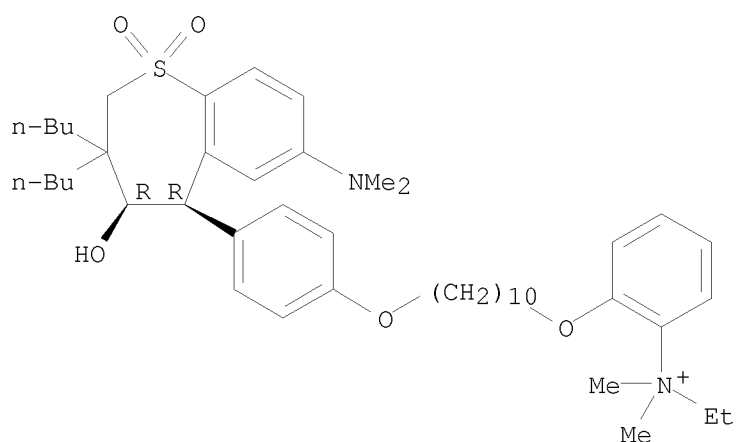
CM 1

CRN 197377-56-3

CMF C46 H71 N2 O5 S

Relative stereochemistry.

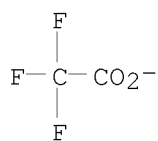
10/590,458



CM 2

CRN 14477-72-6

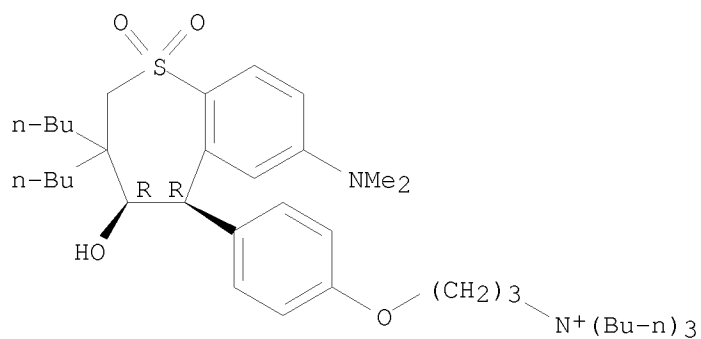
CMF C2 F3 O2



RN 197377-58-5 CAPLUS

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-60-9 CAPLUS

10/590,458

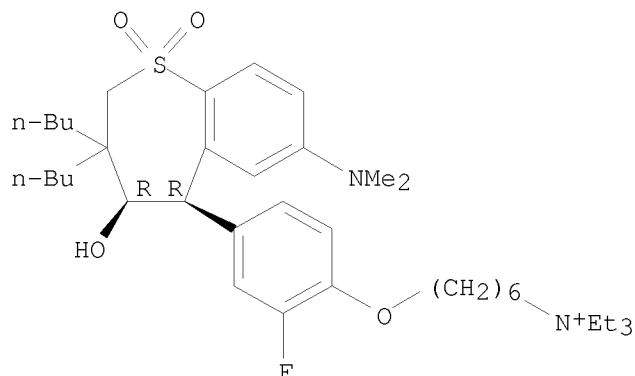
CN 1-Hexanaminium, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-59-6

CMF C38 H62 F N2 O4 S

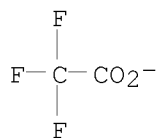
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

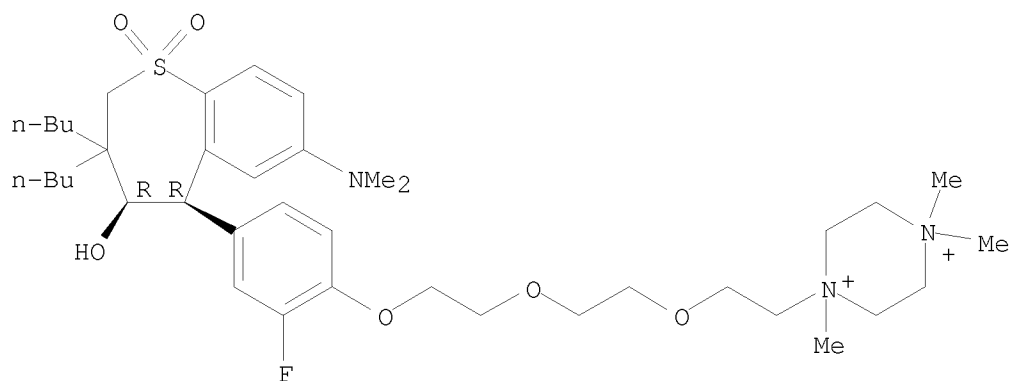


RN 197377-61-0 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

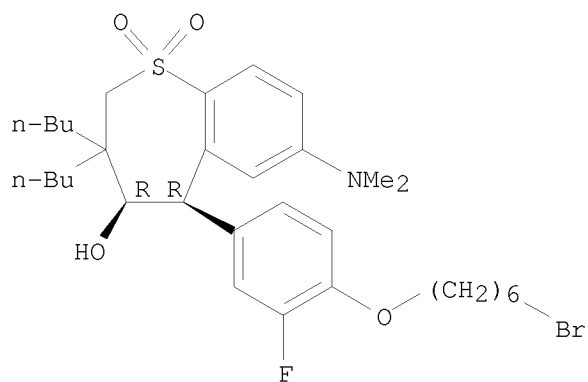
10/590,458



● 2 I⁻

RN 197377-63-2 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[(6-bromohexyl)oxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

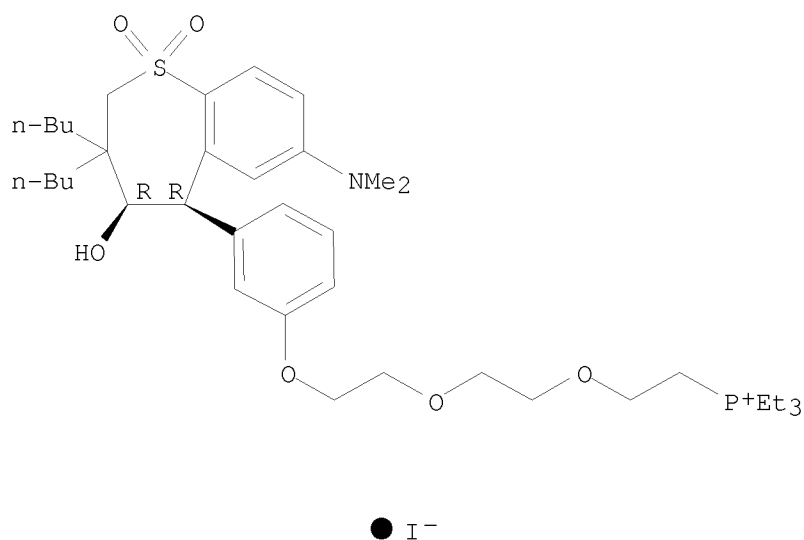
Relative stereochemistry.



RN 197377-64-3 CAPLUS
CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triethyl-, iodide (1:1), rel- (CA INDEX NAME)

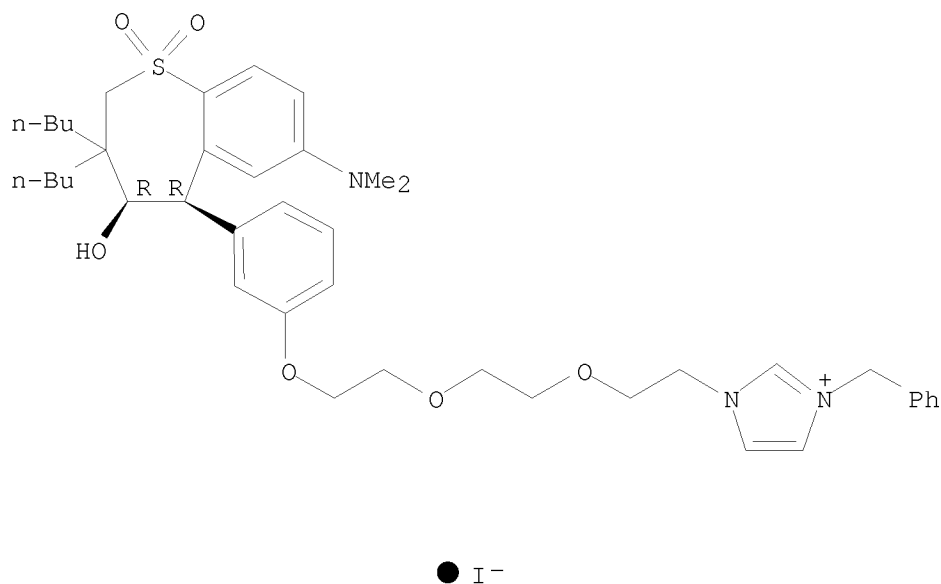
Relative stereochemistry.

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RN 197377-65-4 CAPLUS
CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-(phenylmethyl)-, iodide (1:1), rel- (CA INDEX NAME)

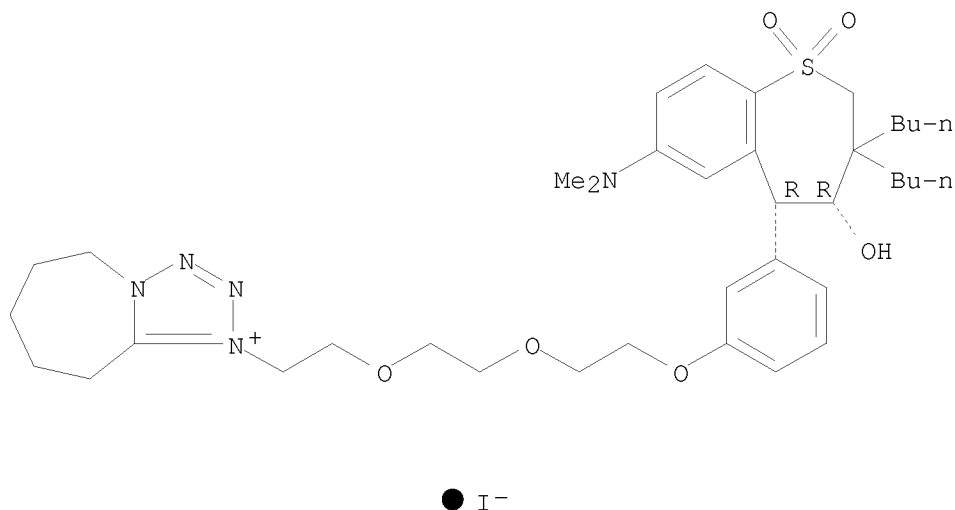
Relative stereochemistry.



RN 197377-66-5 CAPLUS
CN 5H-Tetrazolo[1,5-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

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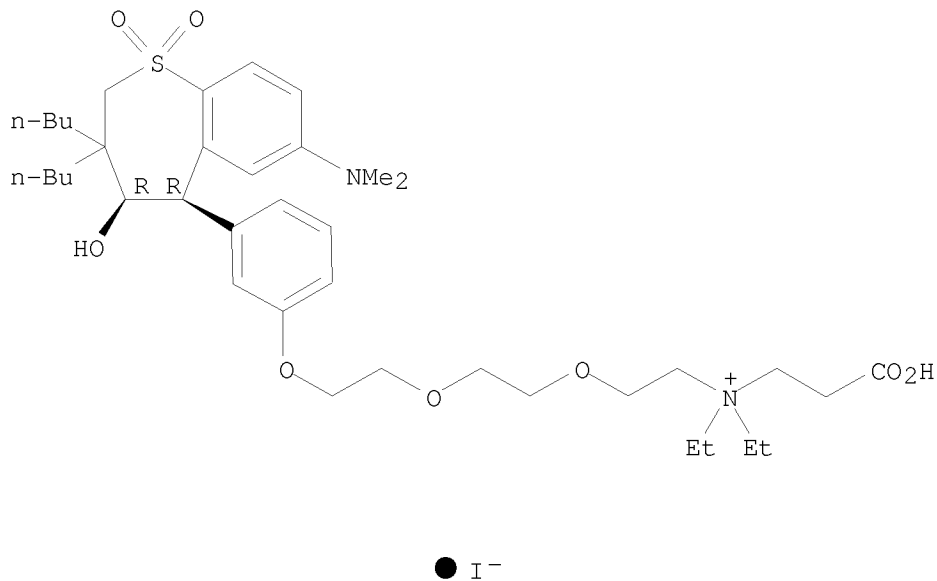
Relative stereochemistry.



RN 197377-68-7 CAPLUS

CN Ethanaminium, 2-carboxy-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



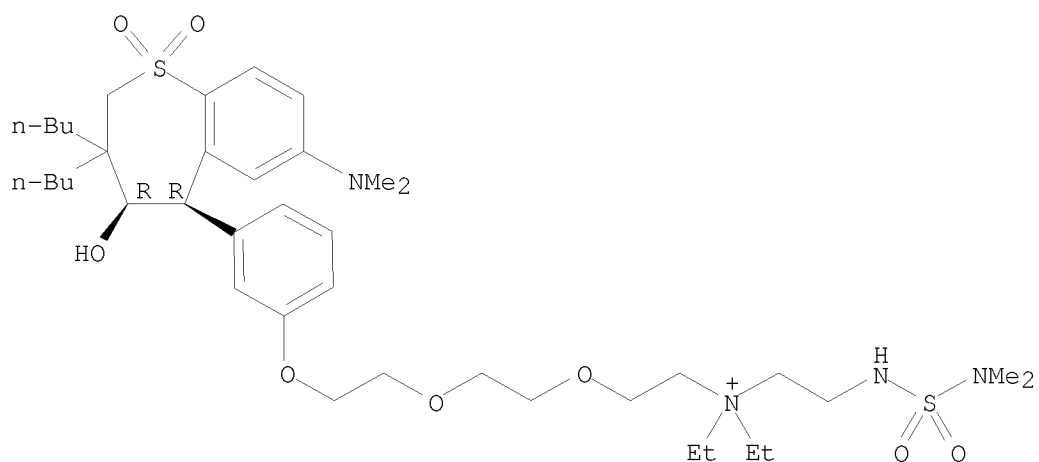
RN 197377-69-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[(dimethylamino)sulfonyl]amino]ethyl]-N,N-

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diethyl-, iodide (1:1), rel- (CA INDEX NAME)

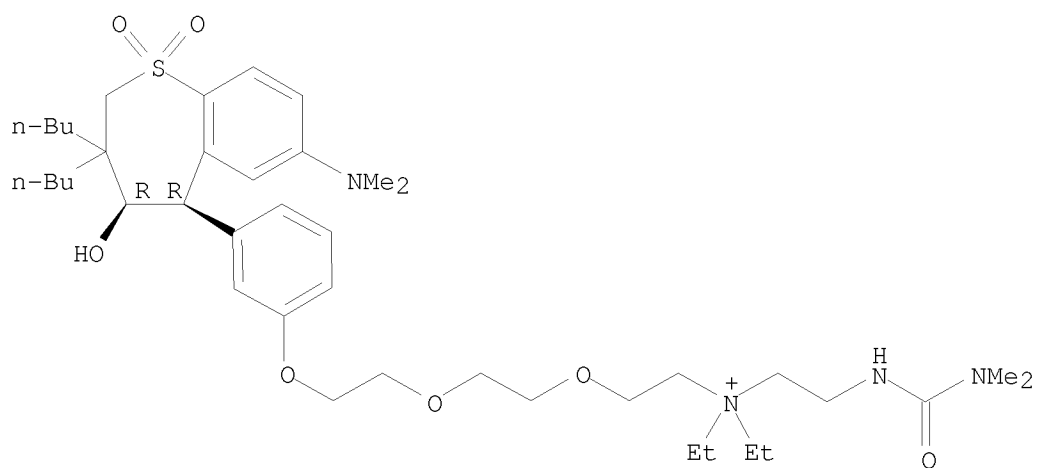
Relative stereochemistry.



RN 197377-70-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[(dimethylamino)carbonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

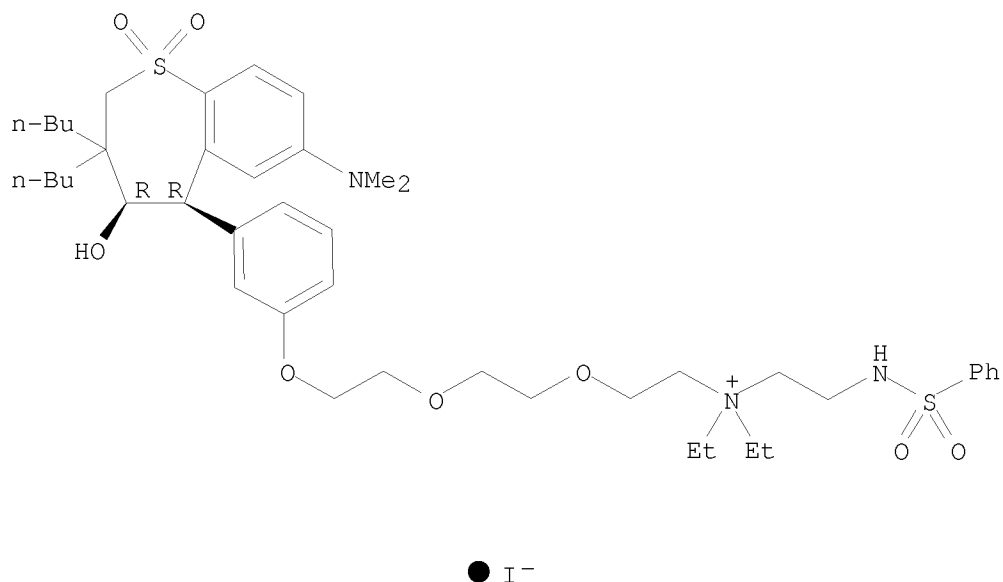


10/590,458

RN 197377-71-2 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

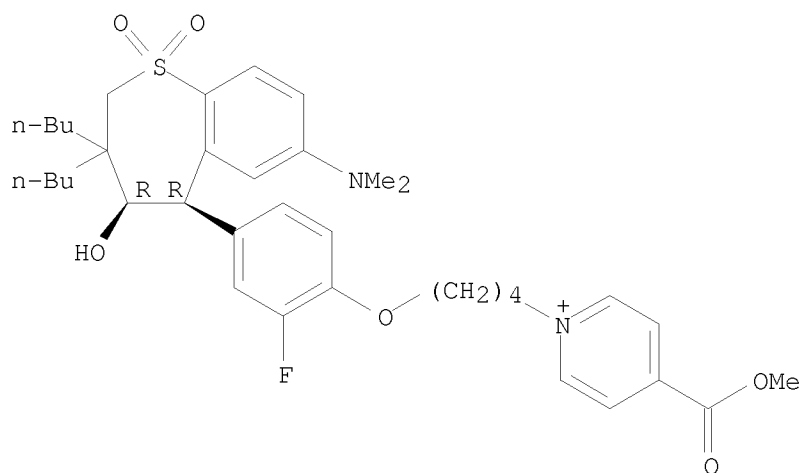
Relative stereochemistry.



RN 197377-72-3 CAPLUS

CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butyl]-4-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

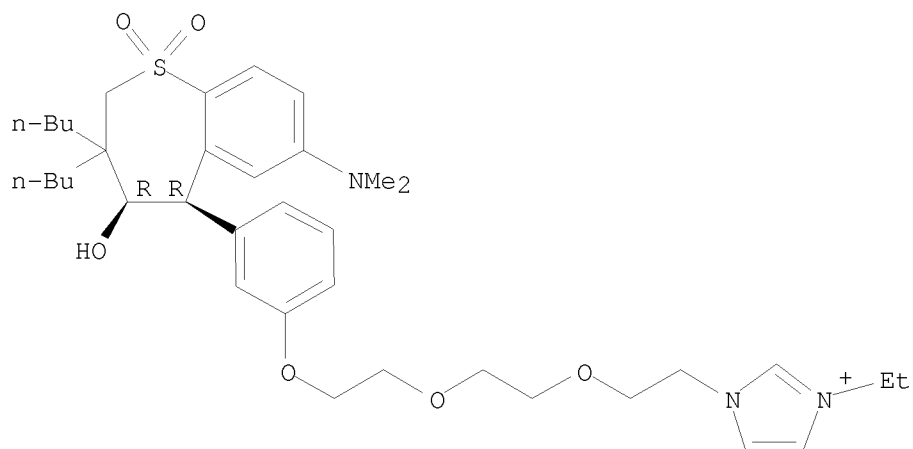
Relative stereochemistry.



● I -

RN	197377-73-4	CAPLUS
CN	1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.



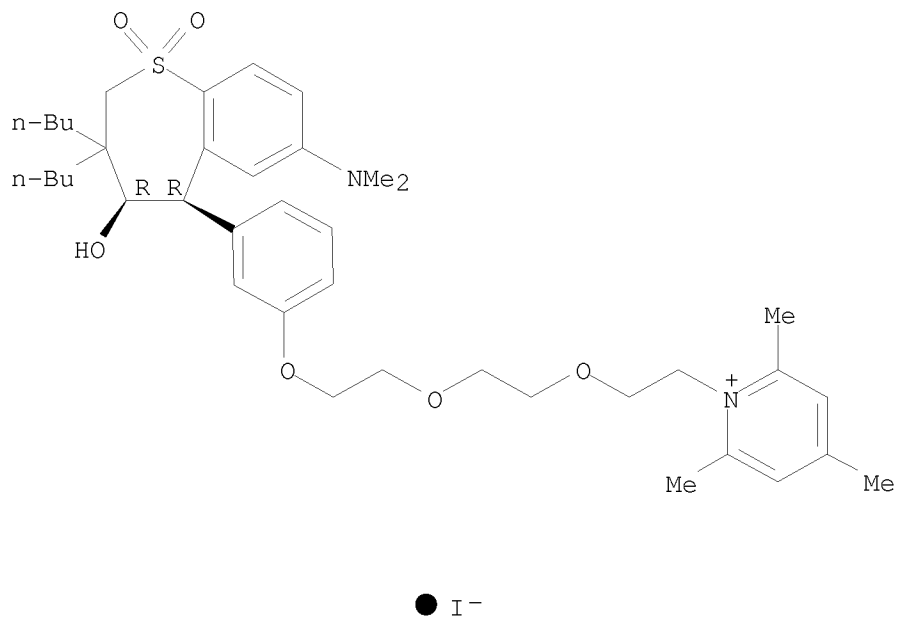
● I -

RN	197377-74-5	CAPLUS
CN	Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-]]]	

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yl]phenoxy]ethoxy]ethoxy]ethyl]-2,4,6-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

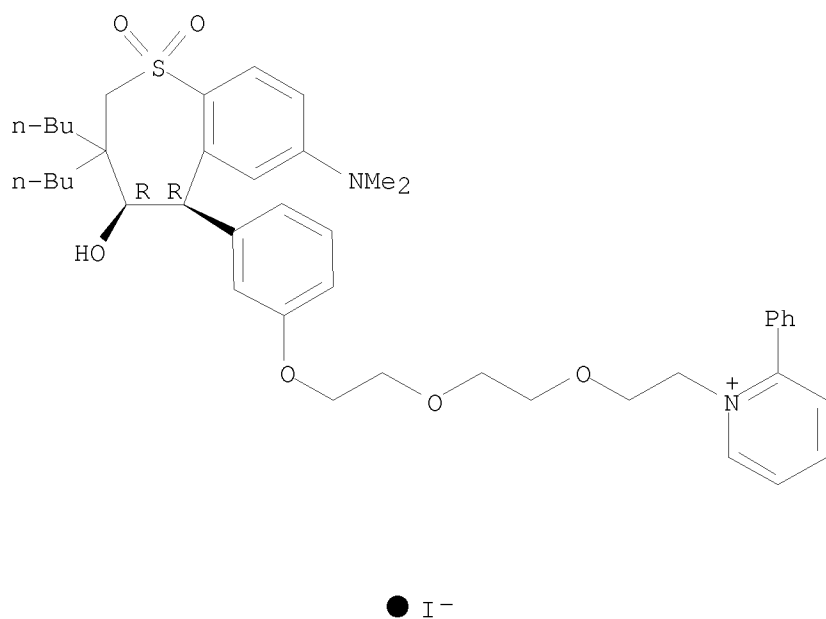
Relative stereochemistry.



RN 197377-75-6 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

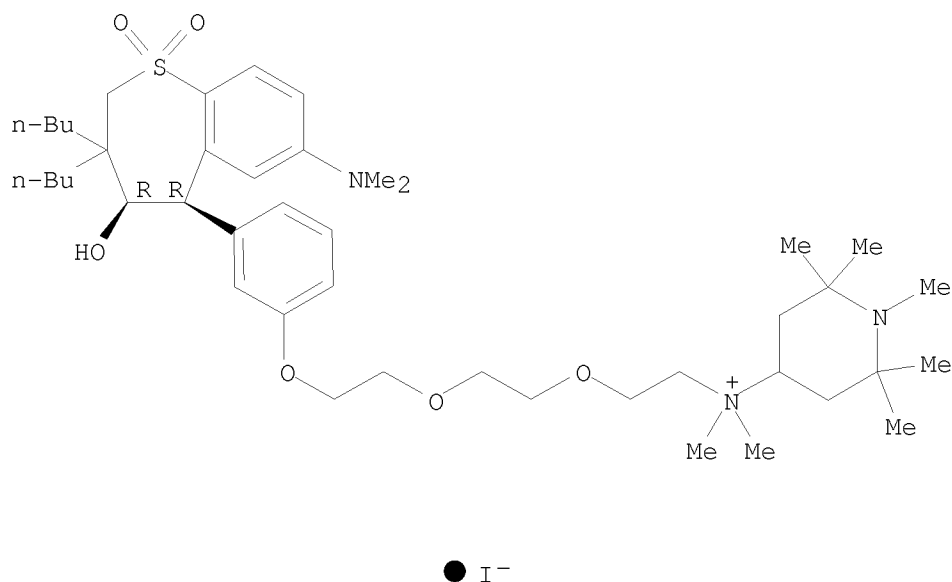
Relative stereochemistry.

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RN 197377-76-7 CAPLUS
CN 4-Piperidinaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,1,2,2,6,6-heptamethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

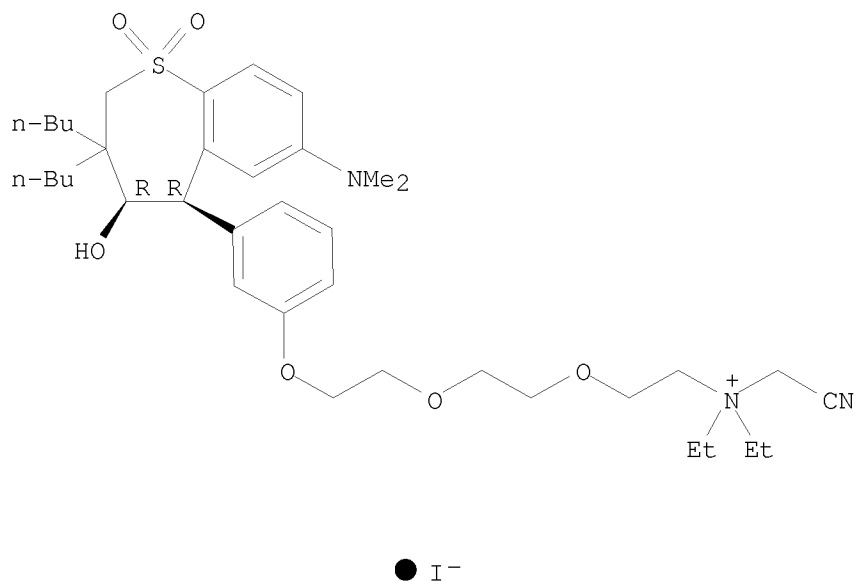


RN 197377-77-8 CAPLUS
CN Ethanaminium, N-(cyanomethyl)-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-

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(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

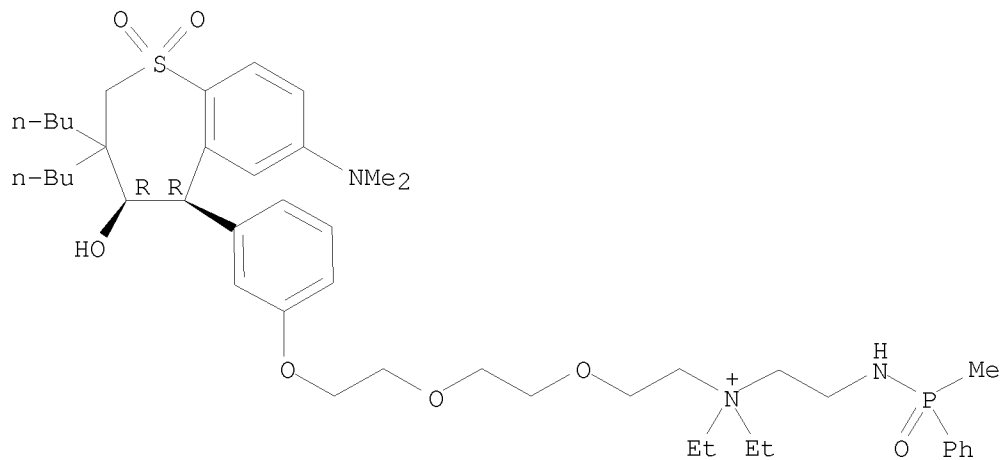


RN 197377-78-9 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

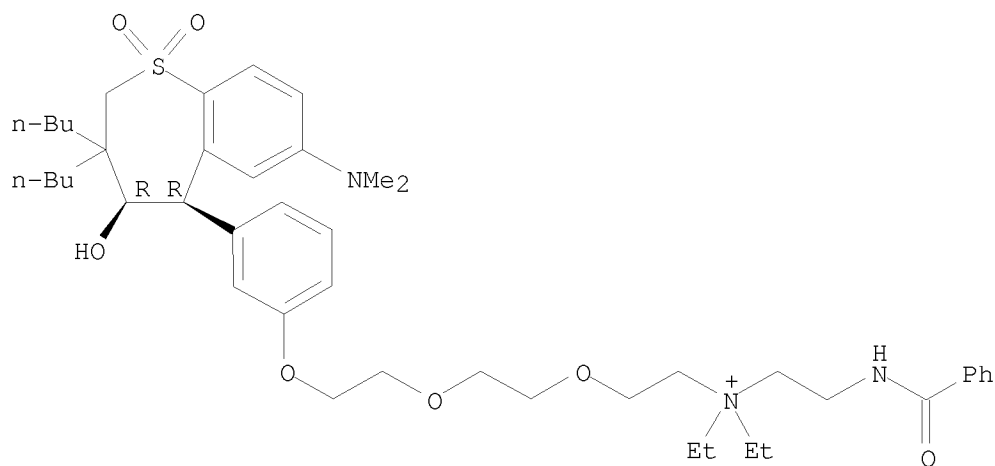
10/590,458



RN 197377-79-0 CAPLUS

CN Ethanaminium, 2-(benzoylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-81-4 CAPLUS

CN Benzenepropanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

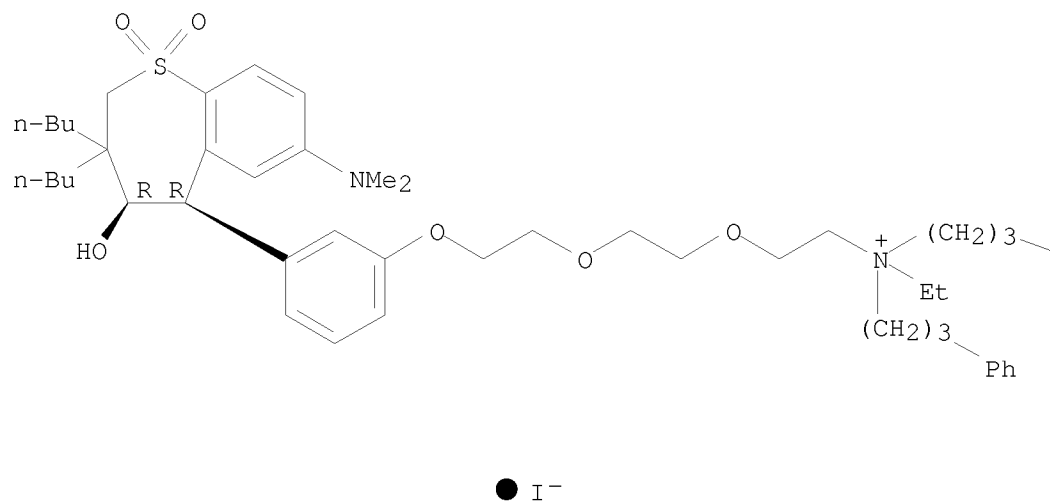
10/590,458

CC(C)N(CCN(C)CCOC1=CC=CC=C1)CCOC2=CC=CC=C2

yl]phenoxy]ethoxy]ethoxy]ethyl]-N-ethyl-N-(3-phenylpropyl)-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



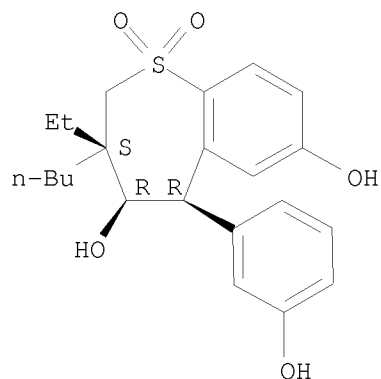
PAGE 1-B

 Ph

RN	197377-82-5	CAPLUS
CN	1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)	

Relative stereochemistry.

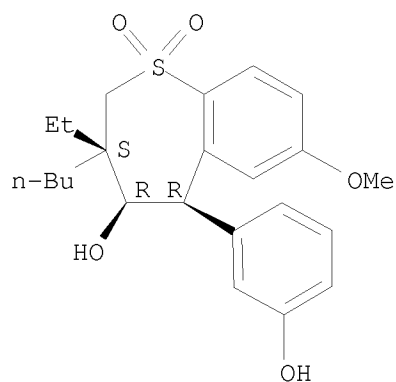
10/590,458



RN 197377-83-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

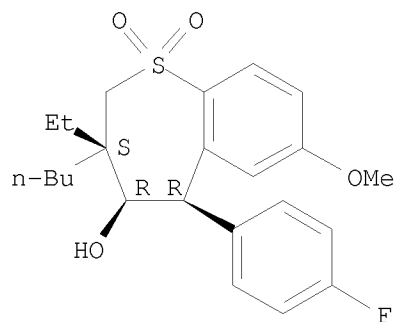
Relative stereochemistry.



RN 197377-84-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

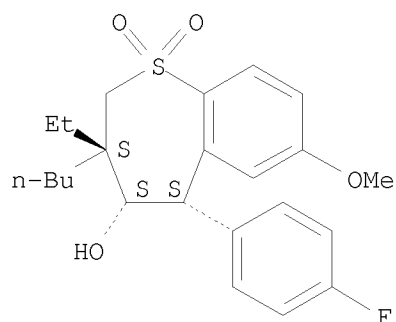


RN 197377-85-8 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

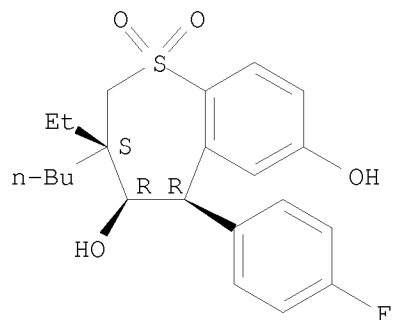
Relative stereochemistry.



RN 197377-86-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

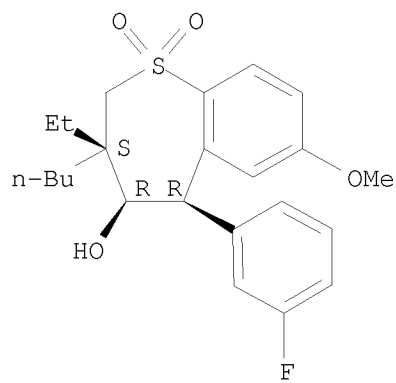
Relative stereochemistry.



RN 197377-90-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

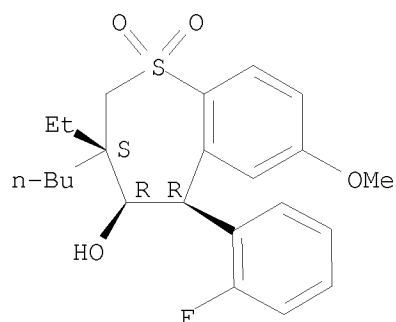


10/590,458

RN 197377-94-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

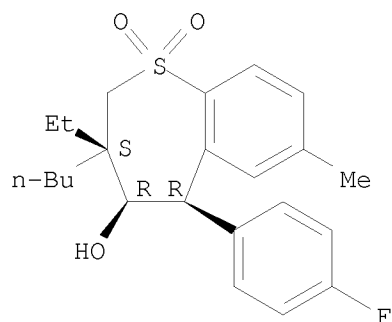
Relative stereochemistry.



RN 197377-96-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

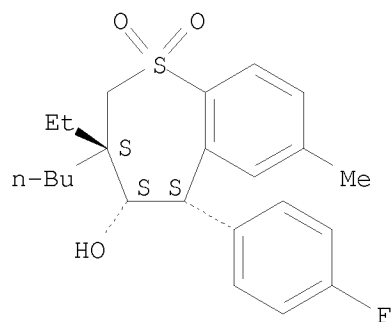
Relative stereochemistry.



RN 197377-98-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



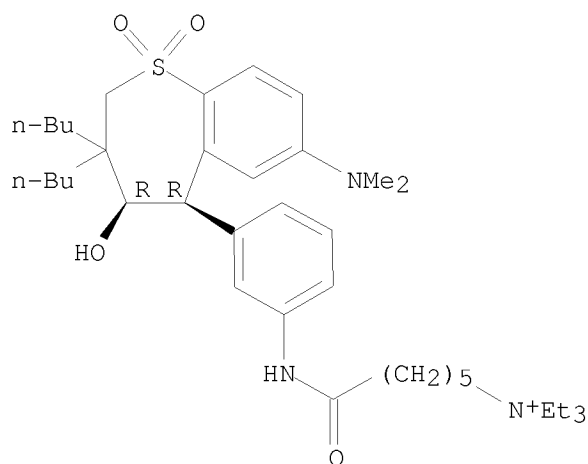
10/590,458

RN 197384-36-4 CAPLUS
CN 1-Hexanaminium, 6-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-6-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

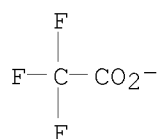
CRN 197384-35-3
CMF C38 H62 N3 O4 S

Relative stereochemistry.



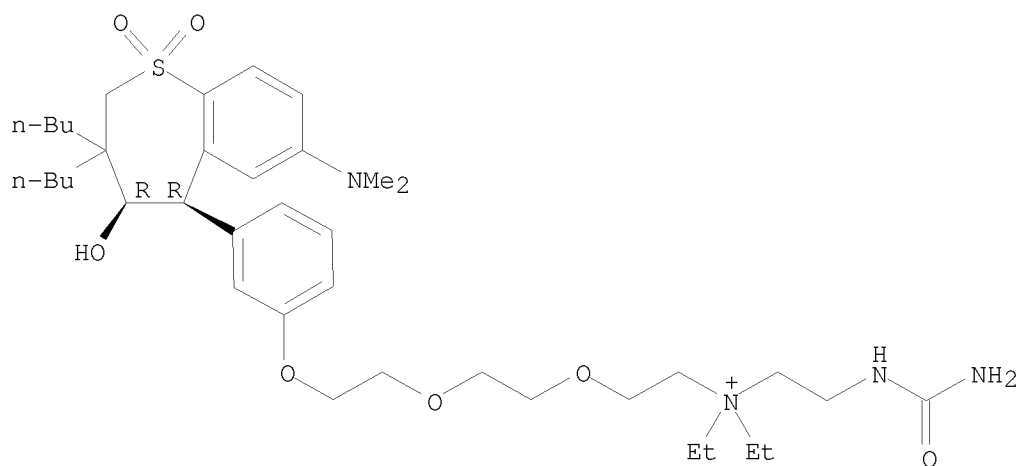
CM 2

CRN 14477-72-6
CMF C2 F3 O2



RN 197384-39-7 CAPLUS
CN Ethanaminium, 2-[(aminocarbonyl)amino]-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

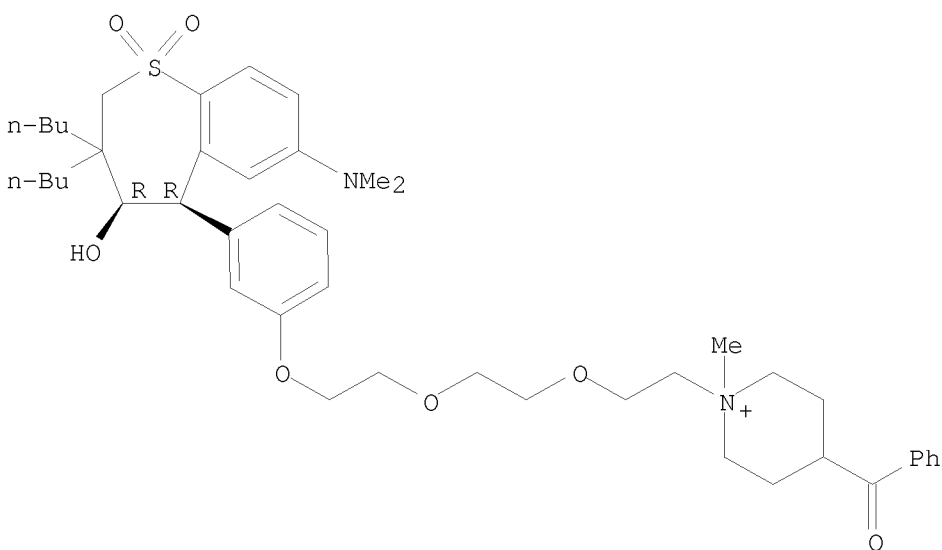


RN 197390-49-1 CAPLUS

CN Piperidinium, 4-benzoyl-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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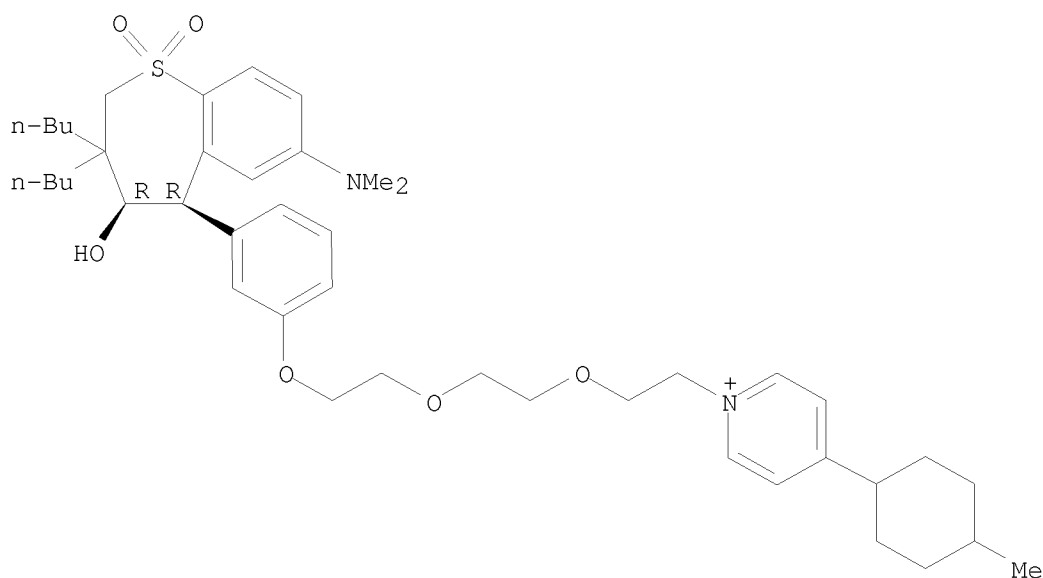
PAGE 2-A



RN 197390-68-4 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(4-methylcyclohexyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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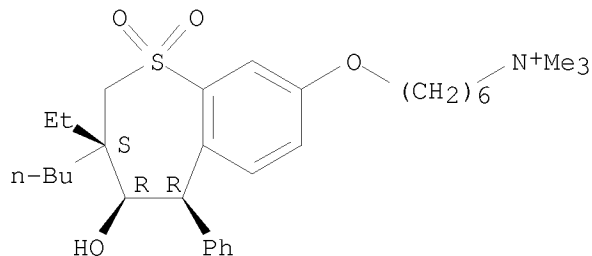
PAGE 2-A



RN 213312-80-2 CAPLUS
 CN 1-Hexanaminium, 6-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

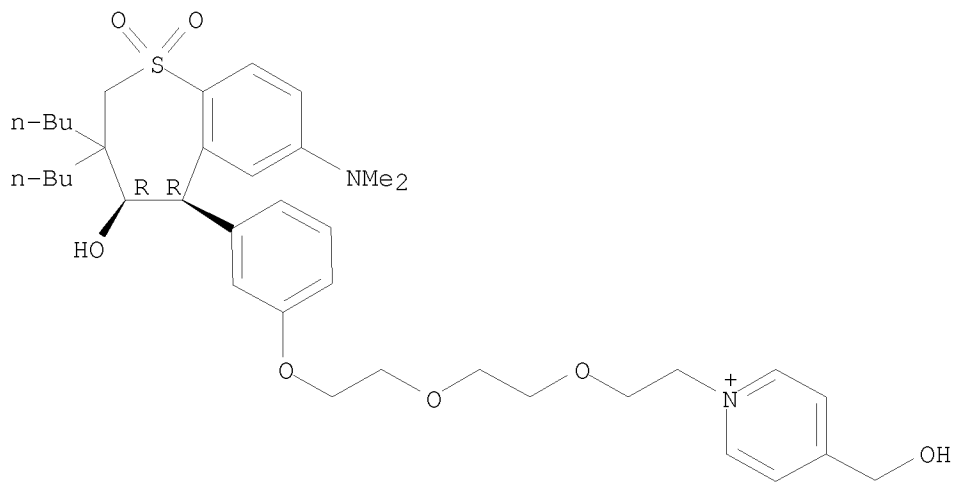
10/590,458



● I -

RN	213312-99-3	CAPLUS
CN	Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, iodide (1:1), rel-(CA INDEX NAME)	

Relative stereochemistry.

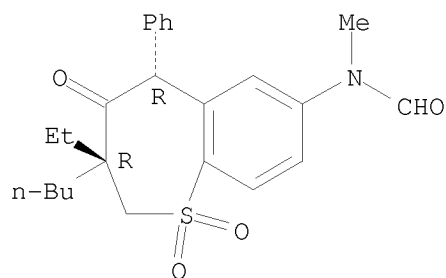


● I -

RN	213313-15-6	CAPLUS
CN	Formamide, N-[(3R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-1,1-dioxido-4-oxo-5-phenyl-1-benzothiepin-7-yl]-N-methyl-, rel- (CA INDEX NAME)	

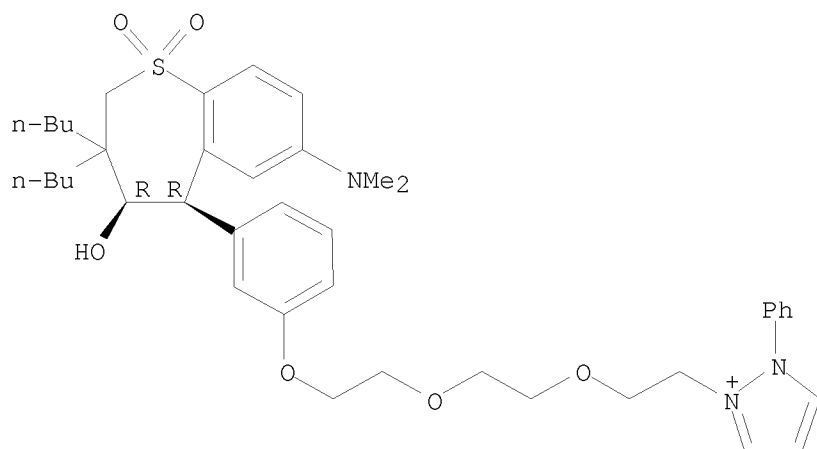
Relative stereochemistry.

10/590,458



RN 213313-34-9 CAPLUS
CN 1H-Pyrazolium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

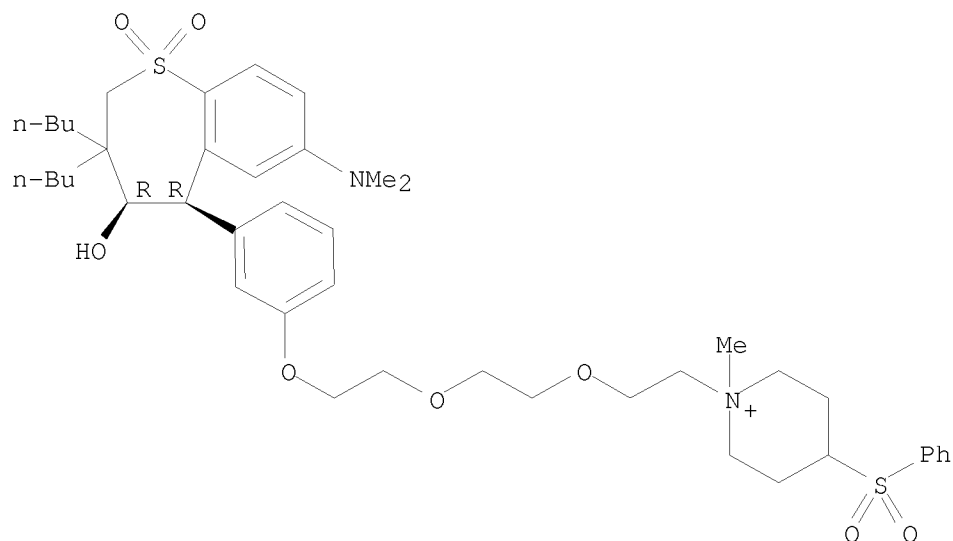
Relative stereochemistry.



RN 213386-72-2 CAPLUS
CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(phenylsulfonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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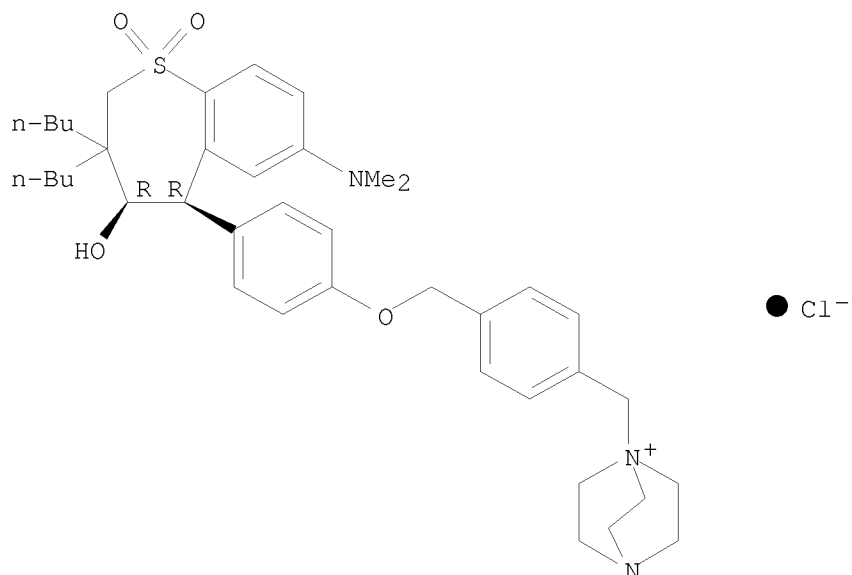
PAGE 2-A



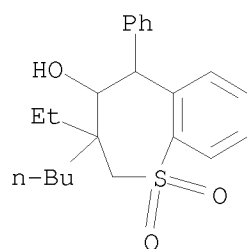
RN 228113-66-4 CAPLUS
 CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
 chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

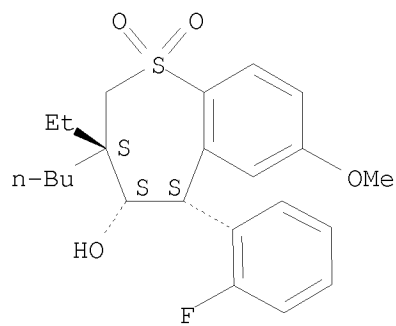


RN 289037-53-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide (CA INDEX NAME)



RN 289037-54-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-
7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

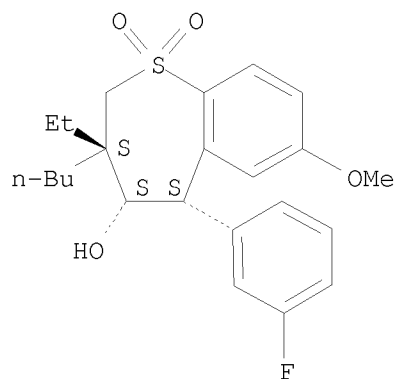


10/590,458

RN 289037-55-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

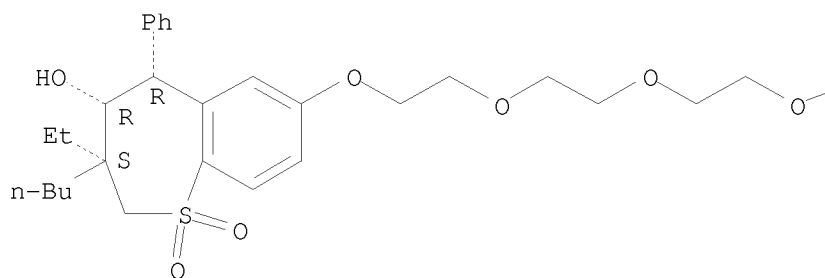


RN 289037-56-5 CAPLUS

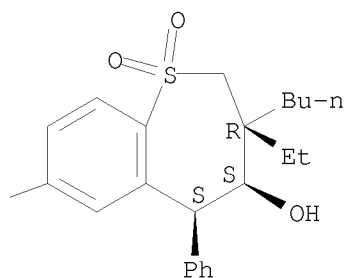
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'S,4S,4'R,5S,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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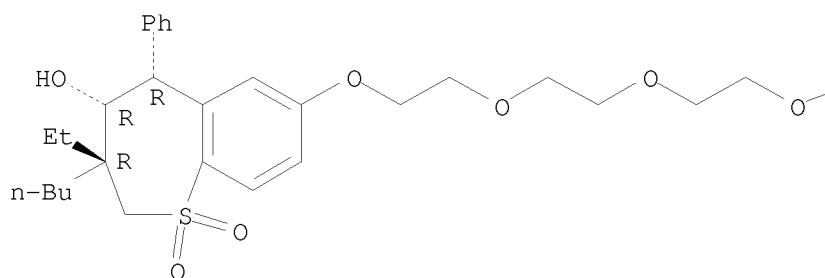


RN 289037-57-6 CAPLUS

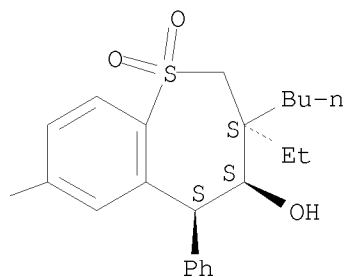
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'S,4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B



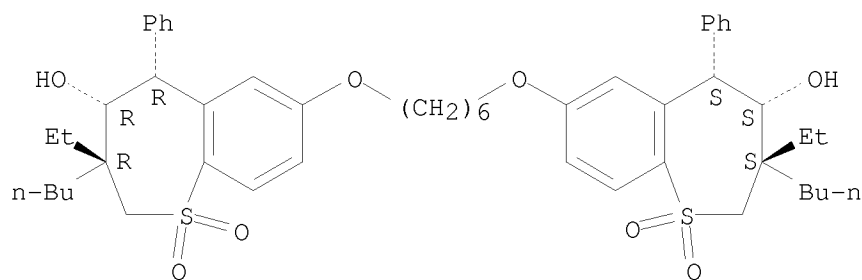
RN 289037-58-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7,7'-[1,6-hexanediylbis(oxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide,

10/590,458

(3R,3'S,4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

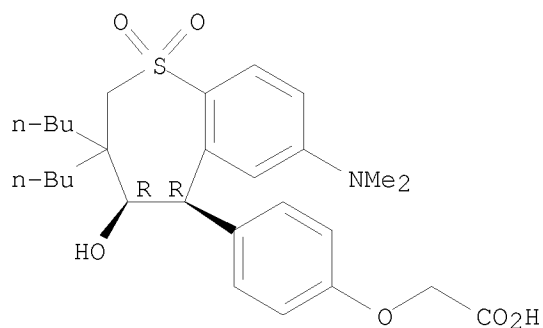
Relative stereochemistry.



RN 289037-59-8 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

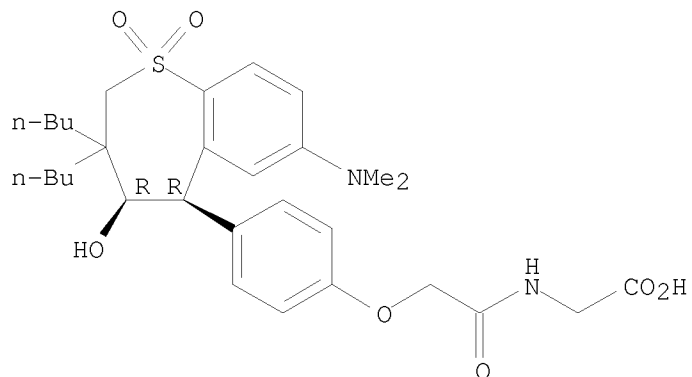


RN 289037-60-1 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

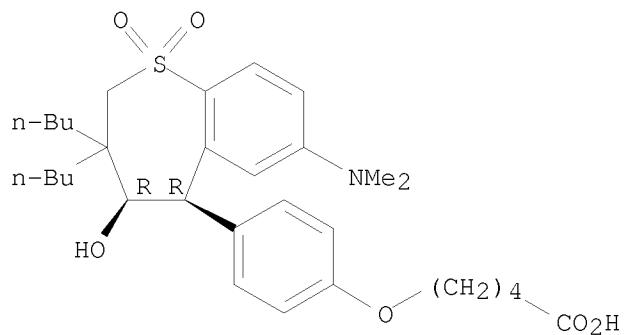
10/590,458



RN 289037-61-2 CAPLUS

CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

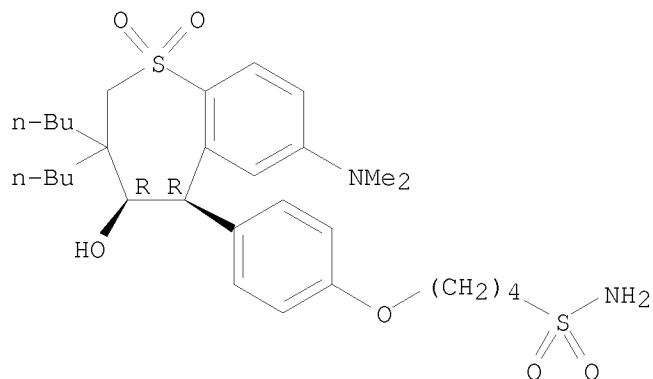


RN 289037-62-3 CAPLUS

CN 1-Butanesulfonamide, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458

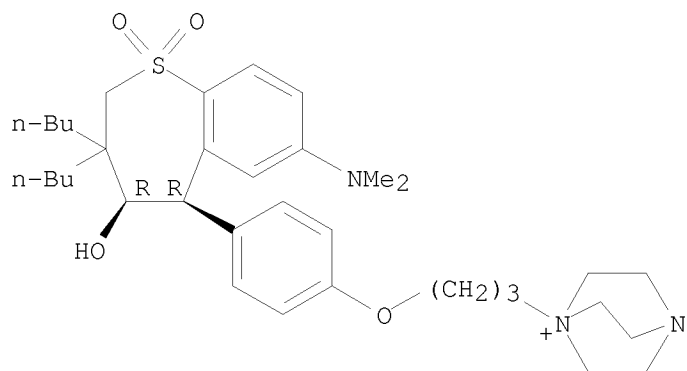


RN 289037-64-5 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, methanesulfonate
(1:1) (CA INDEX NAME)

CM 1

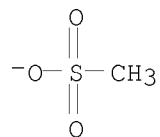
CRN 289037-63-4
CMF C35 H54 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16053-58-0
CMF C H3 O3 S



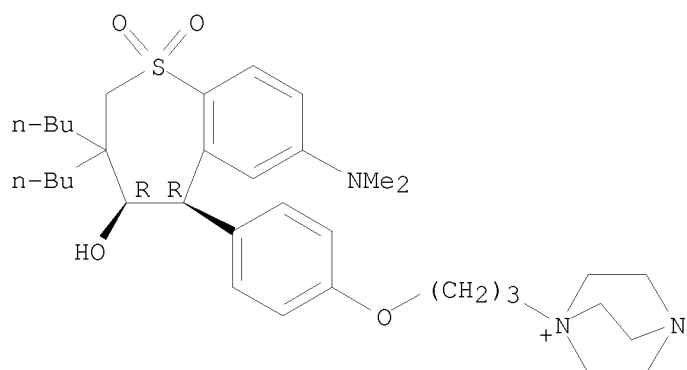
10/590,458

RN 289037-65-6 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-,
4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

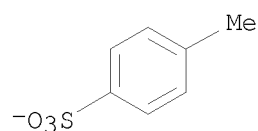
CRN 289037-63-4
CMF C35 H54 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 16722-51-3
CMF C7 H7 O3 S



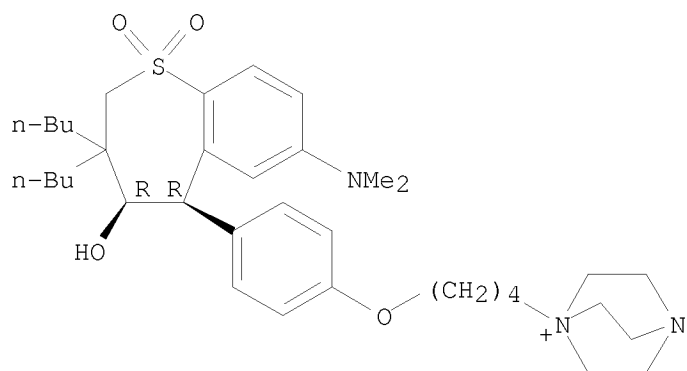
RN 289037-67-8 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, methanesulfonate
(1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7
CMF C36 H56 N3 O4 S

Absolute stereochemistry.

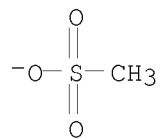
10/590,458



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-68-9 CAPLUS

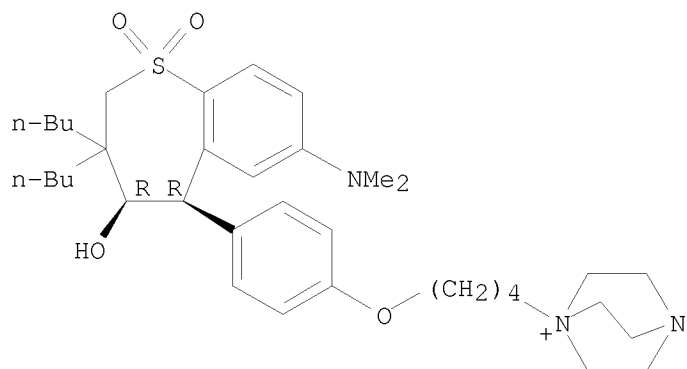
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-,
4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-66-7

CMF C36 H56 N3 O4 S

Absolute stereochemistry.

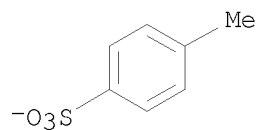


10/590,458

CM 2

CRN 16722-51-3

CMF C7 H7 O3 S



RN 289037-70-3 CAPLUS

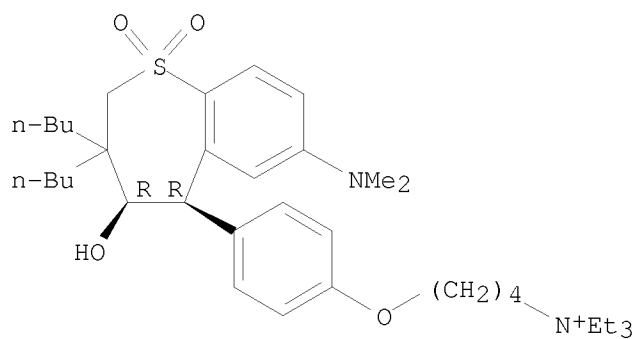
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, methanesulfonate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 289037-69-0

CMF C36 H59 N2 O4 S

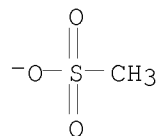
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-72-5 CAPLUS

CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

10/590,458

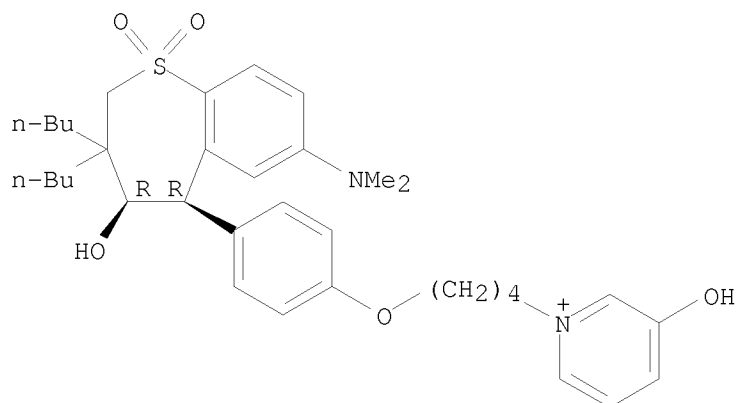
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-3-hydroxy-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-71-4

CMF C35 H49 N2 O5 S

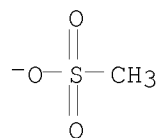
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289037-74-7 CAPLUS

CN Quinolinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, methanesulfonate (1:1) (CA INDEX NAME)

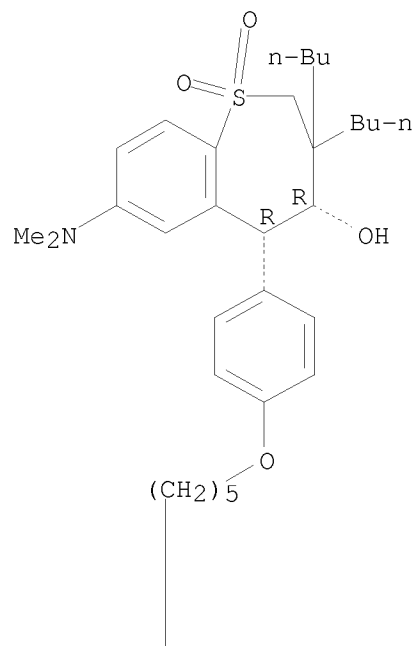
CM 1

CRN 289037-73-6

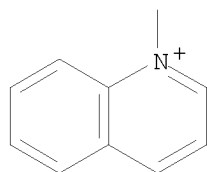
CMF C40 H53 N2 O4 S

Absolute stereochemistry.

PAGE 1-A



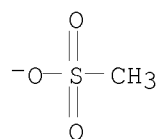
PAGE 2-A



CM 2

CRN 16053-58-0

CMF C H3 O3 S

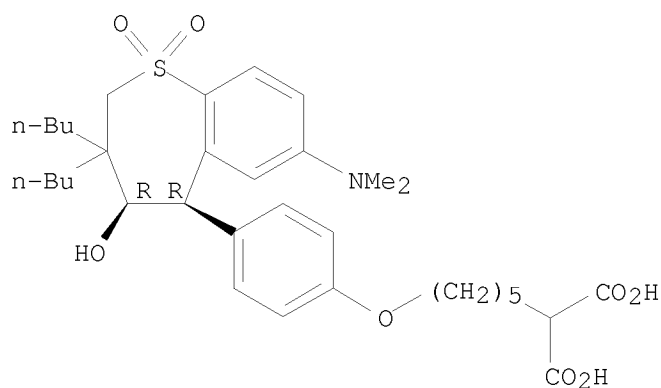


RN 289037-75-8 CAPLUS

CN Propanedioic acid, 2-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

10/590,458

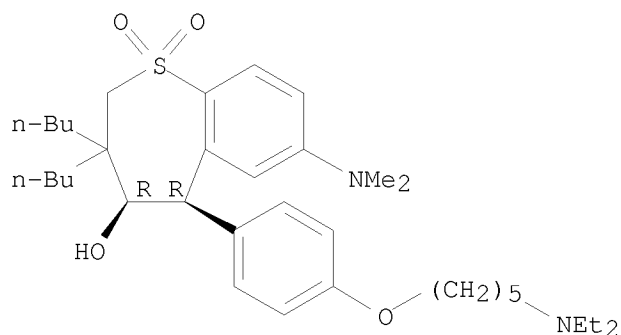
Absolute stereochemistry.



RN 289037-76-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[5-(diethylamino)pentyl]oxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

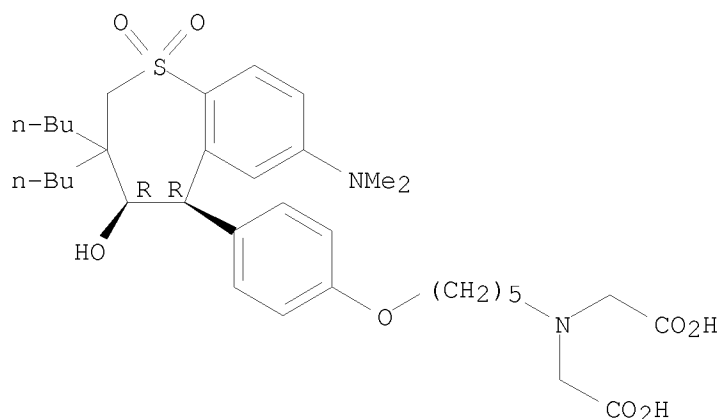


RN 289037-77-0 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

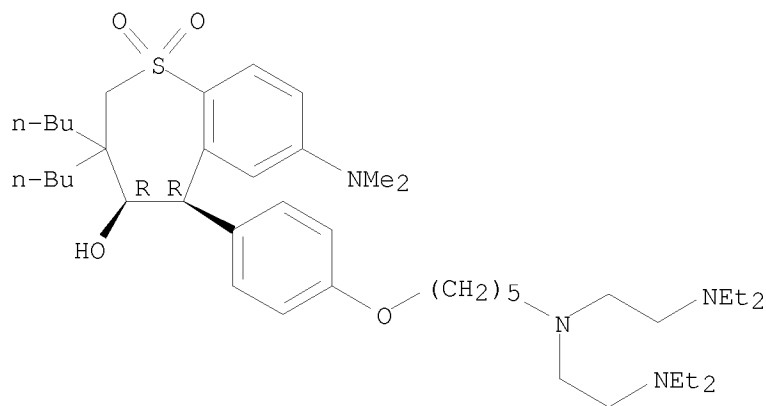
10/590,458



RN 289037-78-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[[5-[bis[2-(diethylamino)ethyl]amino]pentyl]oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

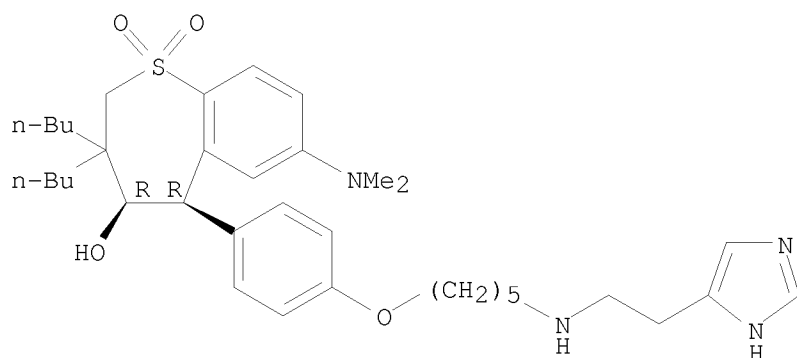


RN 289037-79-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[5-[2-(1H-imidazol-5-yl)ethyl]amino]pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

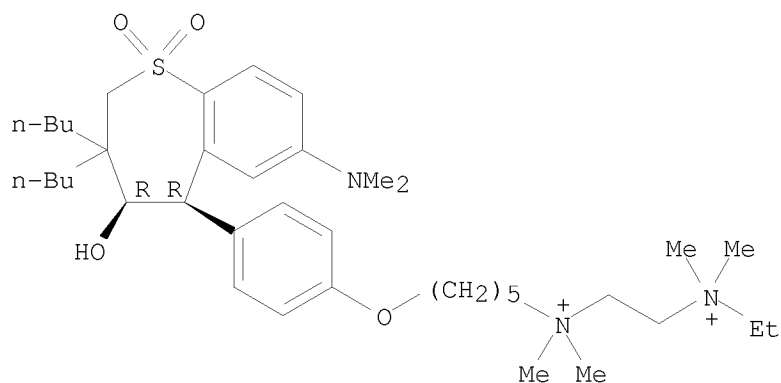
Absolute stereochemistry.

10/590,458



RN 289037-80-5 CAPLUS
 CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, chloride (1:2) (CA INDEX NAME)

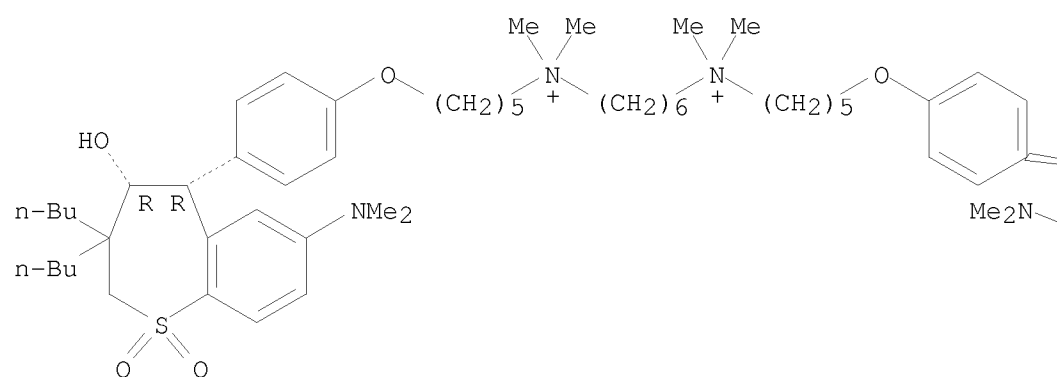
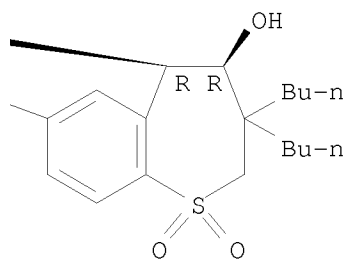
Absolute stereochemistry.



● 2 Cl⁻

RN 289037-81-6 CAPLUS
 CN 1,6-Hexanediaminium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl-, chloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.

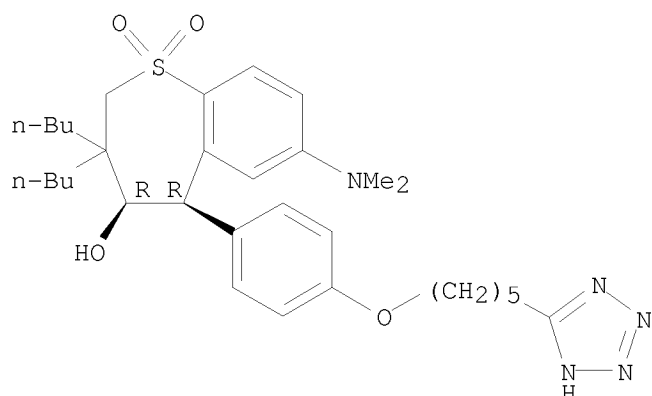
● 2 Cl⁻

RN 289037-82-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-(2H-tetrazol-5-yl)pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA
INDEX NAME)

Absolute stereochemistry.

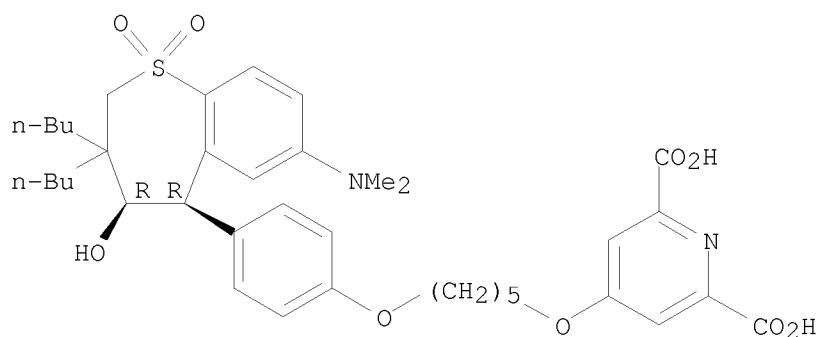
10/590,458



RN 289037-83-8 CAPLUS

CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]oxy]- (CA INDEX NAME)

Absolute stereochemistry.

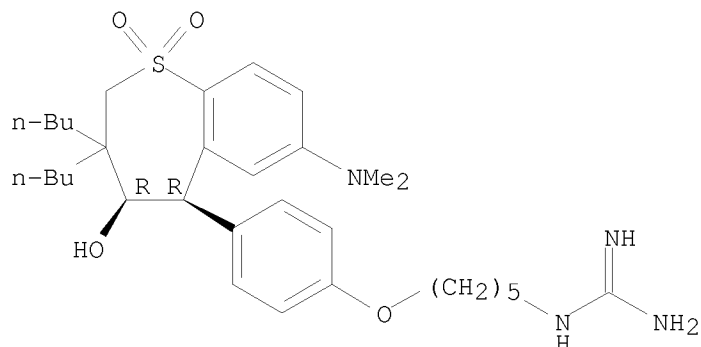


RN 289037-84-9 CAPLUS

CN Guanidine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

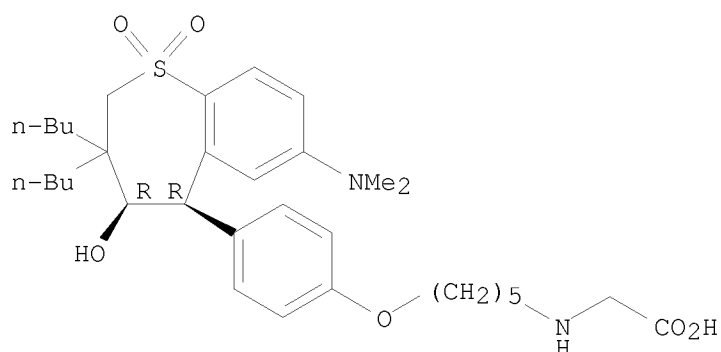
10/590,458



RN 289037-85-0 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

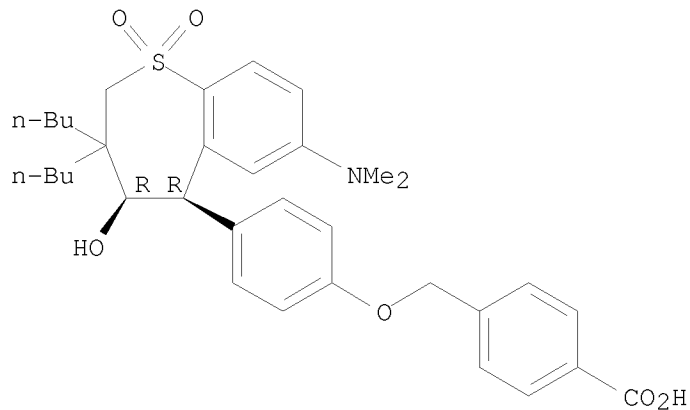


RN 289037-86-1 CAPLUS

CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

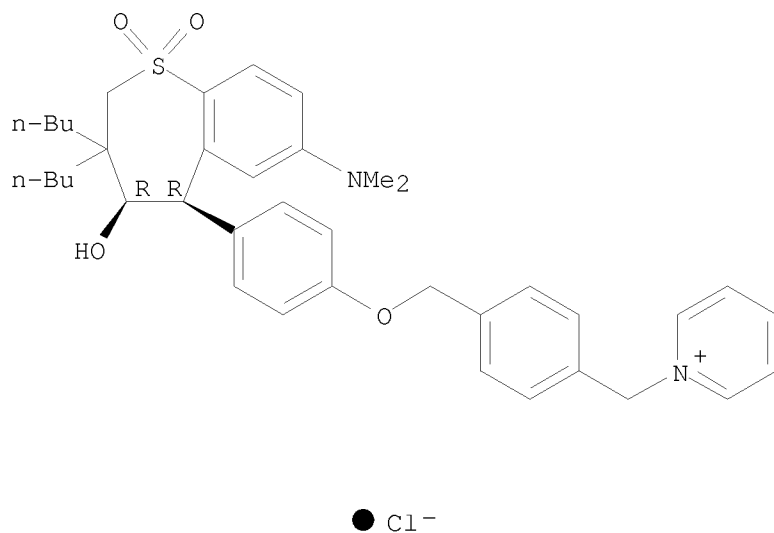
10/590,458



RN 289037-87-2 CAPLUS

CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

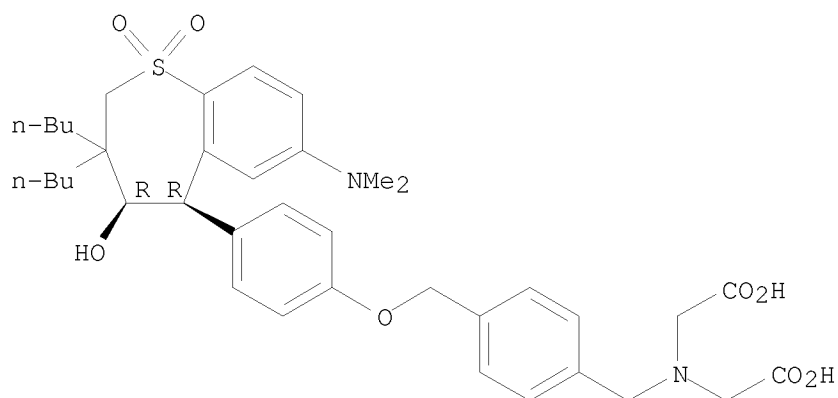


RN 289037-88-3 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

10/590,458



RN 289037-90-7 CAPLUS

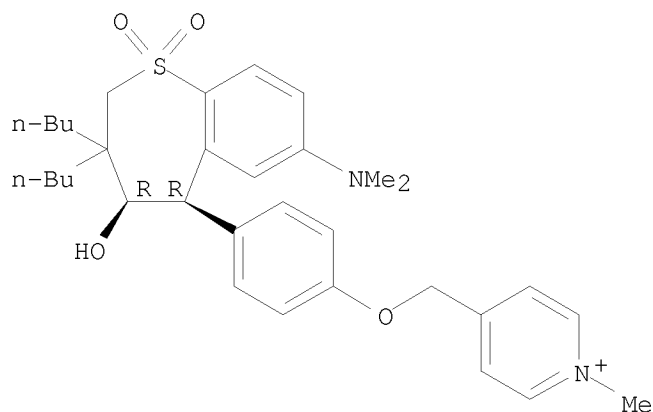
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-89-4

CMF C33 H45 N2 O4 S

Absolute stereochemistry.

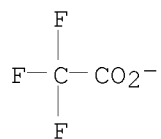


CM 2

CRN 14477-72-6

CMF C2 F3 O2

10/590,458



RN 289037-91-8 CAPLUS

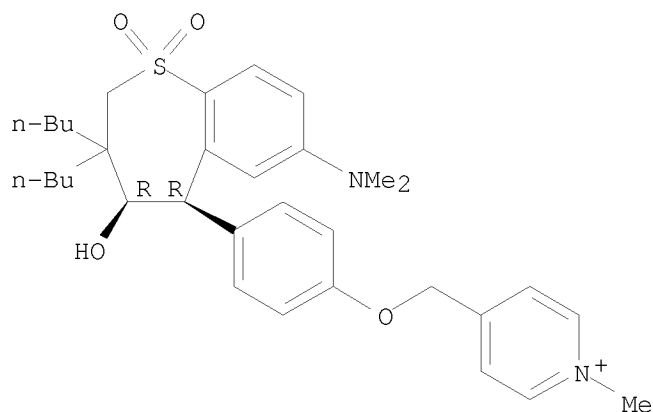
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289037-89-4

CMF C33 H45 N2 O4 S

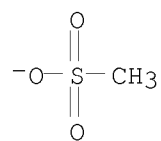
Absolute stereochemistry.



CM 2

CRN 16053-58-0

CMF C H3 O3 S

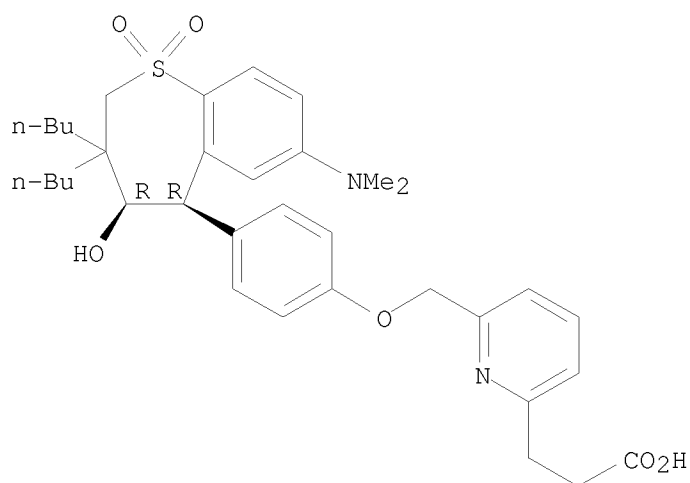


RN 289037-92-9 CAPLUS

CN 2-Pyridinepropanoic acid, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

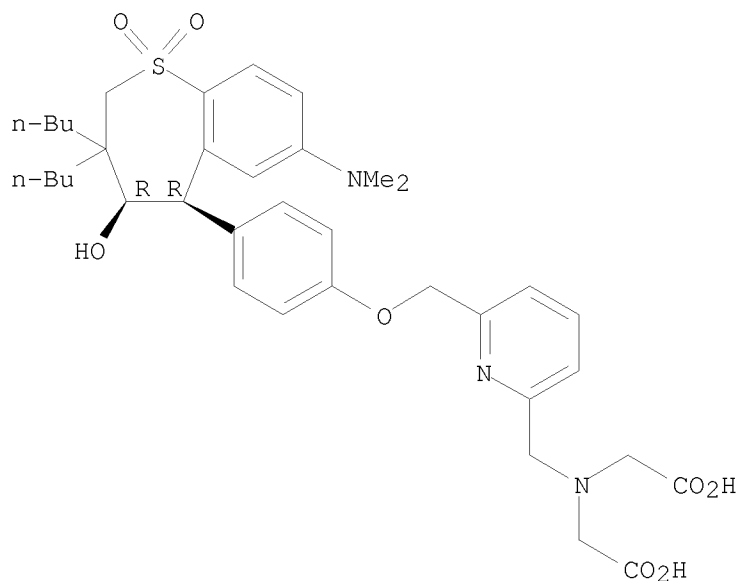
10/590,458



RN 289037-93-0 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

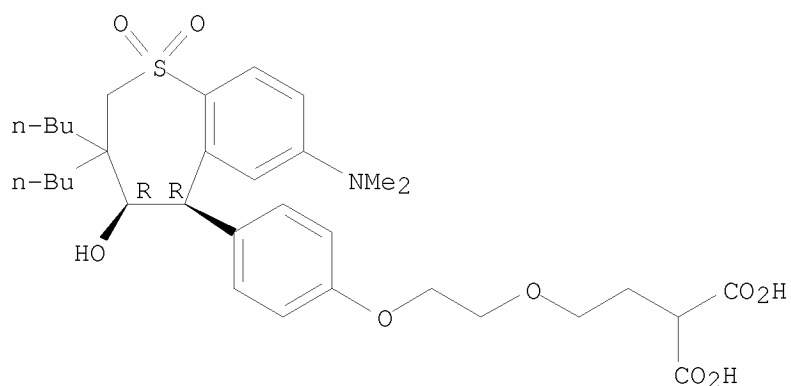


RN 289037-94-1 CAPLUS

CN Propanedioic acid, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]- (CA INDEX NAME)

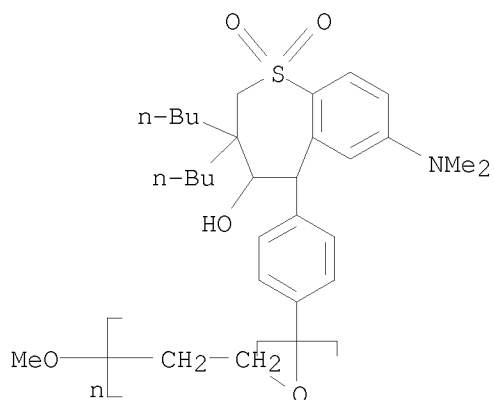
Absolute stereochemistry.

10/590,458



RN 289037-95-2 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -methoxy- (9CI) (CA INDEX NAME)

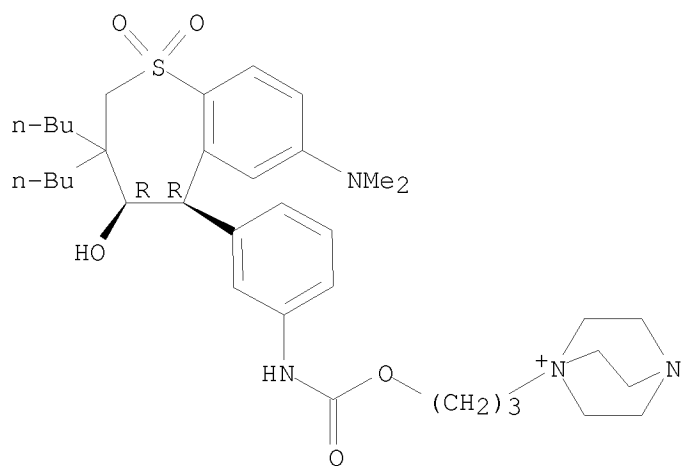


RN 289037-97-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane, 1-[3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]carbonyl]oxy]propyl]-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

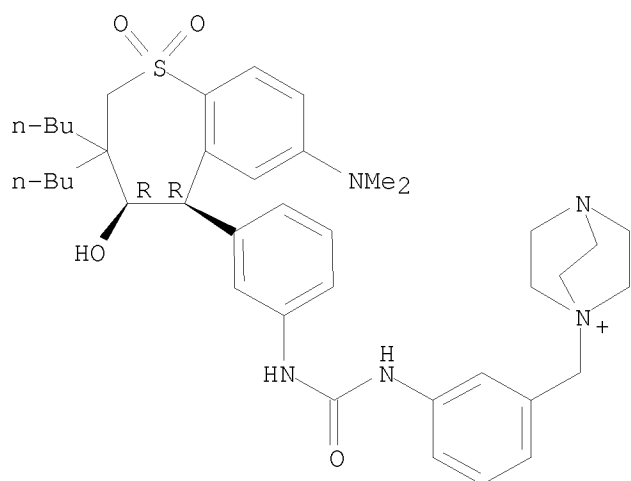
10/590,458



RN 289037-99-6 CAPLUS
 CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
 1-[[3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-
 yl]phenyl]amino]carbonyl]amino]phenyl]methyl]-, chloride (1:1), rel- (CA
 INDEX NAME)

Relative stereochemistry.

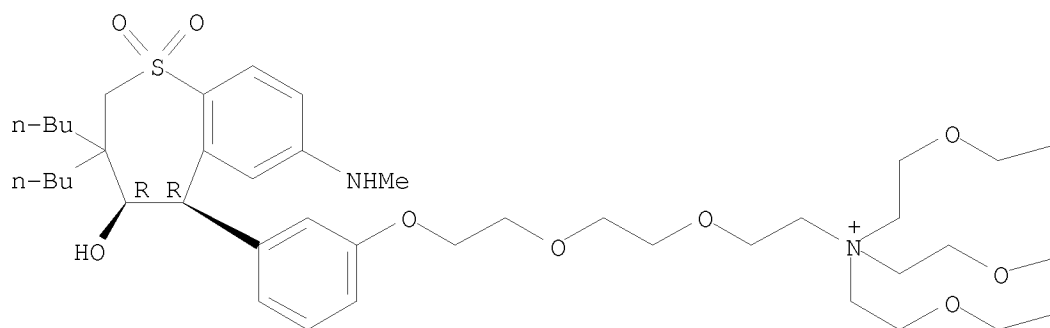
10/590,458

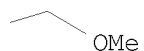
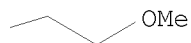
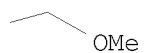


RN 289038-00-2 CAPLUS
 CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

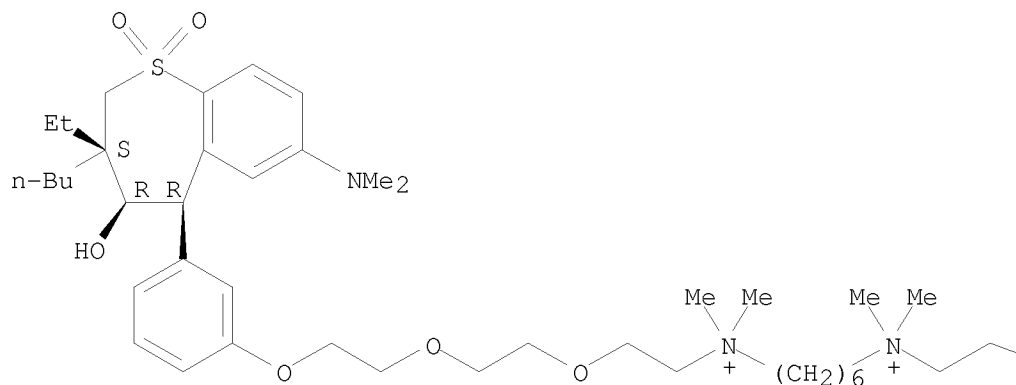




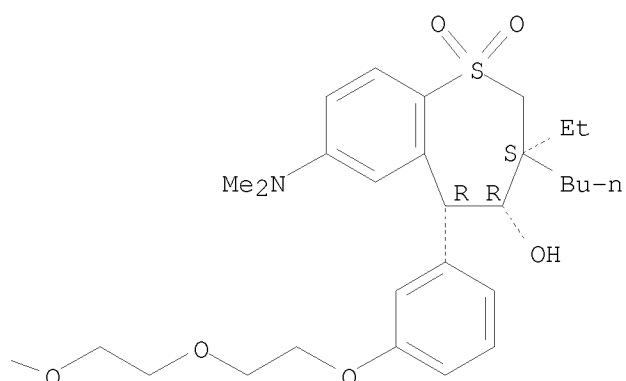
RN 289038-01-3 CAPLUS

CN 1,6-Hexanediaminium, N1,N6-bis[2-[2-[2-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N6,N6-tetramethyl-, iodide (1:2) (CA INDEX NAME)

Absolute stereochemistry.



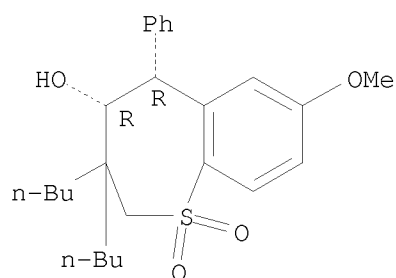
● 2 I⁻



RN 289038-02-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

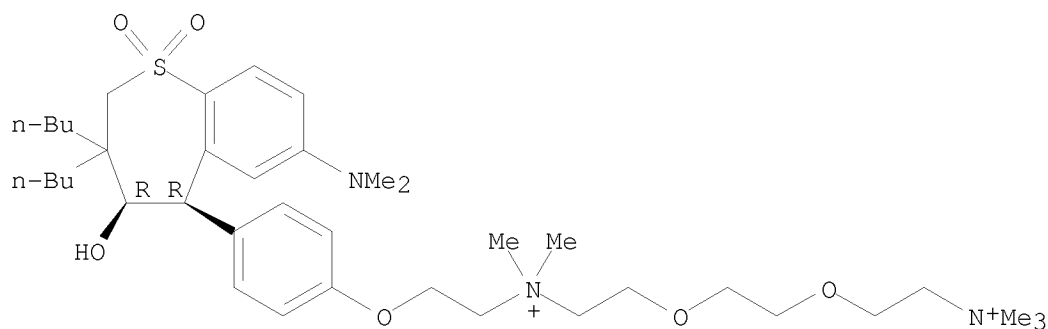


RN 289038-04-6 CAPLUS

CN Ethanaminium, 2-[2-[2-[[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethyl]dimethylammonio]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

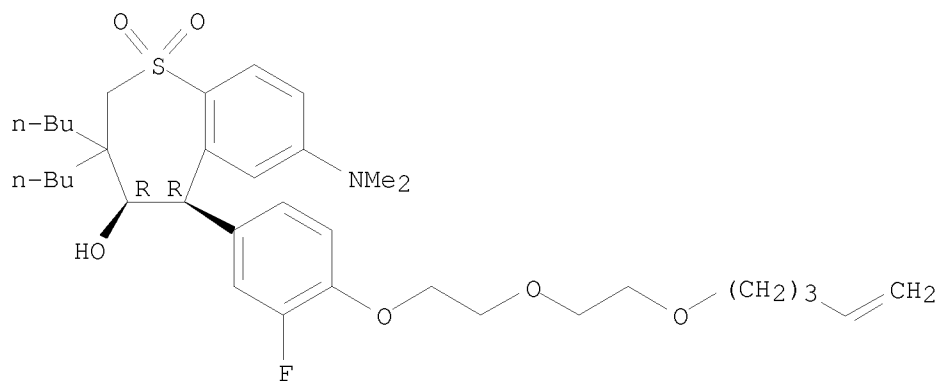


●2 I⁻

RN 289038-05-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-[2-(4-penten-1-yloxy)ethoxy]ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

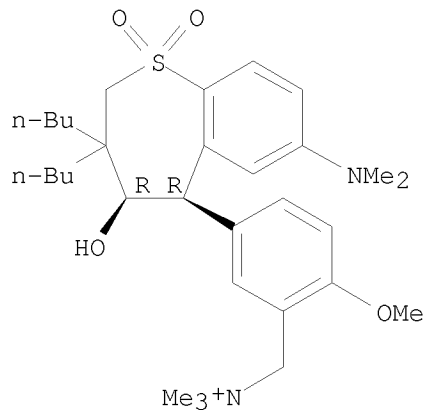


RN 289038-06-8 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-methoxy-N,N,N-trimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

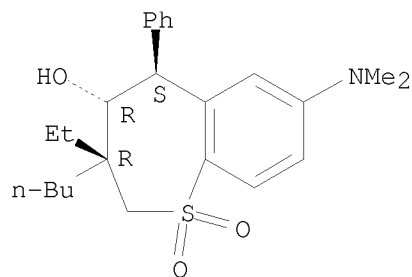
10/590,458



RN 289038-07-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

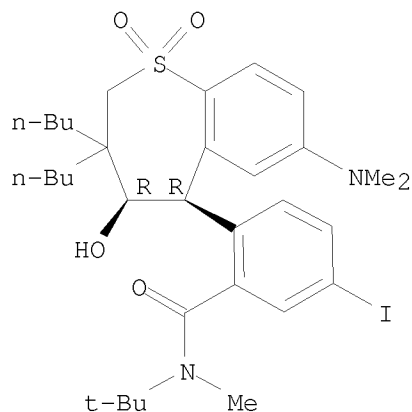
Relative stereochemistry.



RN 289038-09-1 CAPLUS

CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(1,1-dimethylethyl)-5-iodo-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

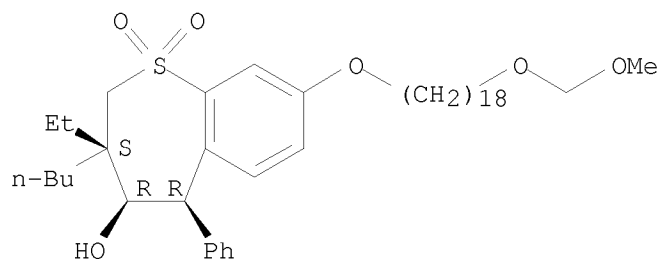


10/590,458

RN 289038-11-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[[18-(methoxymethoxy)octadecyl]oxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

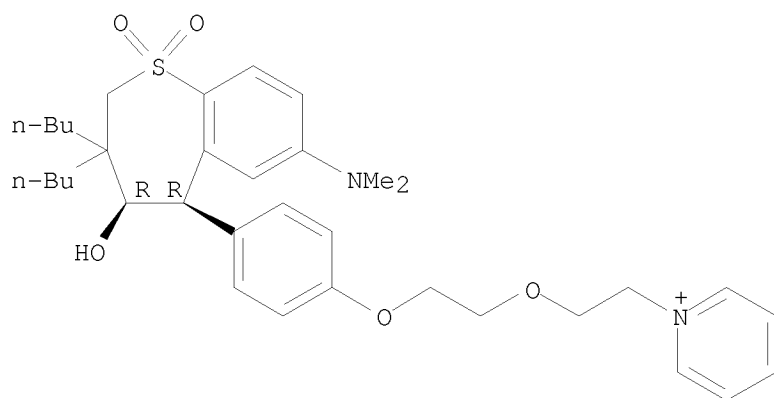
Relative stereochemistry.



RN 289038-13-7 CAPLUS

CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

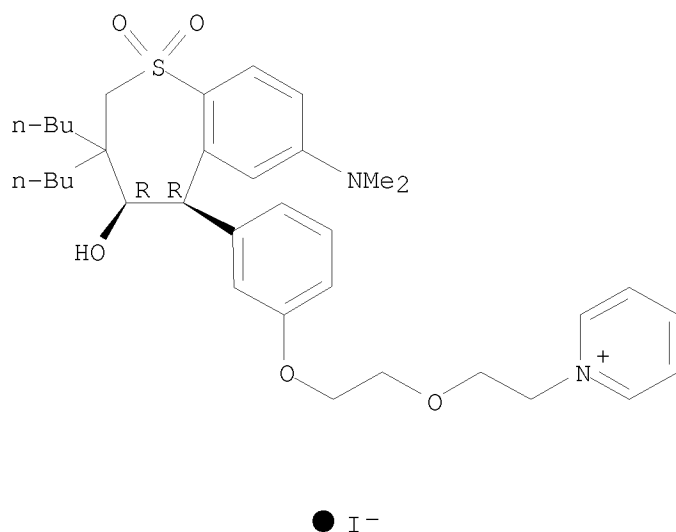


RN 289038-15-9 CAPLUS

CN Pyridinium, 1-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

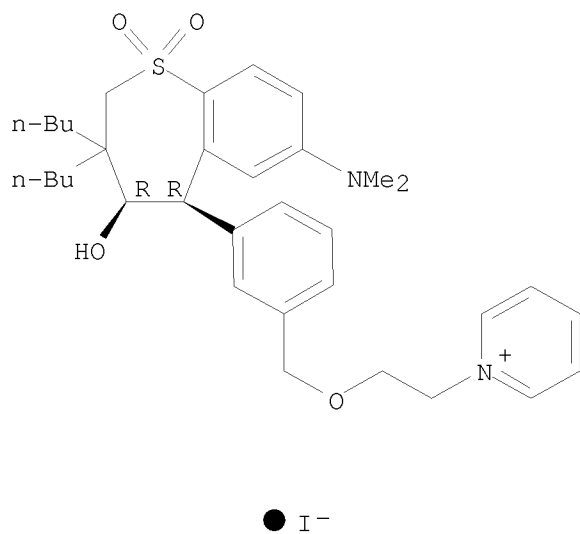
10/590,458



RN 289038-16-0 CAPLUS

CN Pyridinium, 1-[2-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

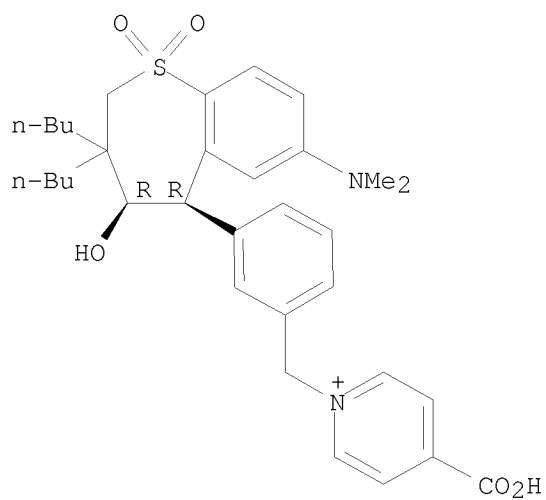


RN 289038-18-2 CAPLUS

CN Pyridinium, 4-carboxy-1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, iodide (1:1), rel- (CA INDEX NAME)

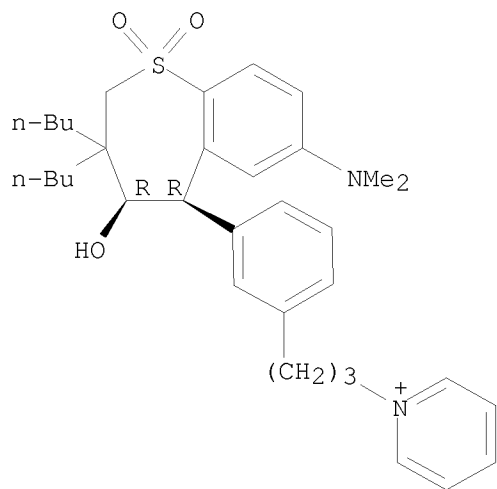
Relative stereochemistry.

10/590,458



RN 289038-19-3 CAPLUS
CN Pyridinium, 1-[3-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]propyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

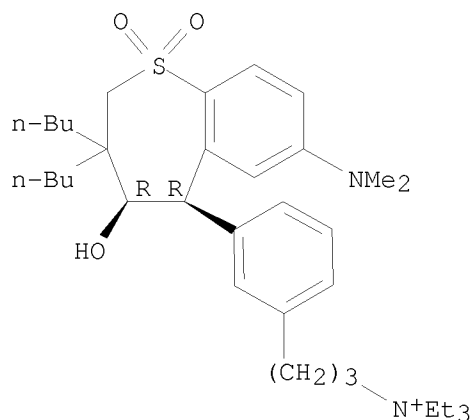


RN 289038-21-7 CAPLUS
CN Benzenepropanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-,
iodide (1:1), rel- (CA INDEX NAME)

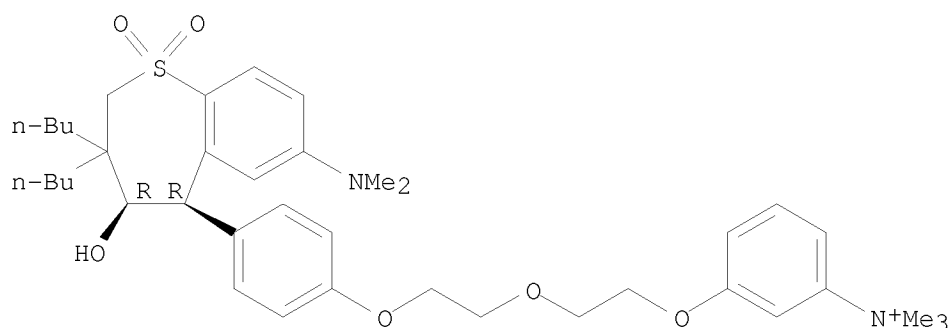
Relative stereochemistry.



RN 289038-23-9 CAPLUS

CN Benzenaminium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

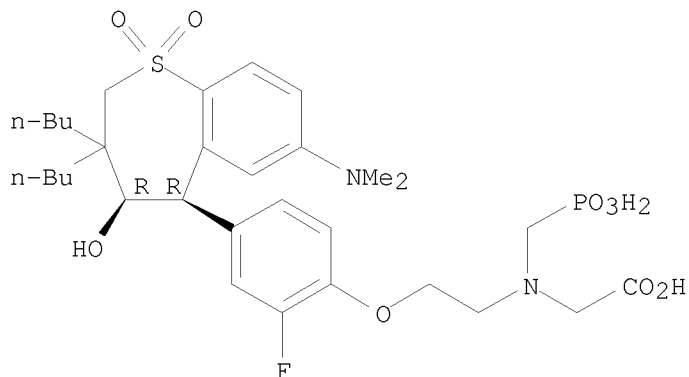


RN 289038-24-0 CAPLUS

CN Glycine, N-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-N-(phosphonomethyl)-, rel- (CA INDEX NAME)

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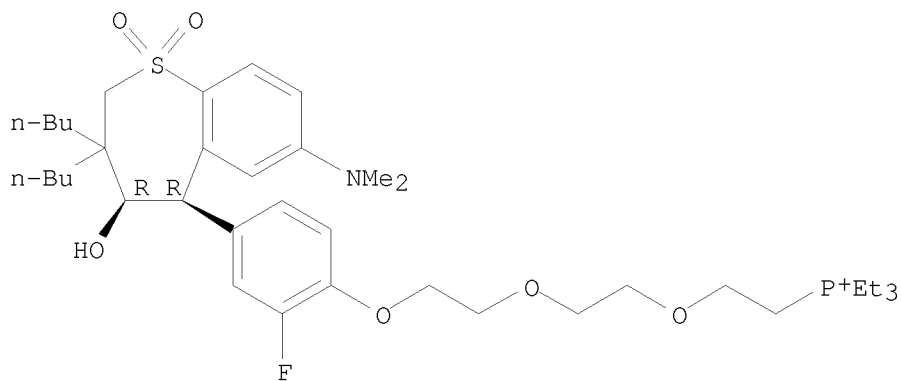
Relative stereochemistry.



RN 289038-25-1 CAPLUS

CN Phosphonium, [2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

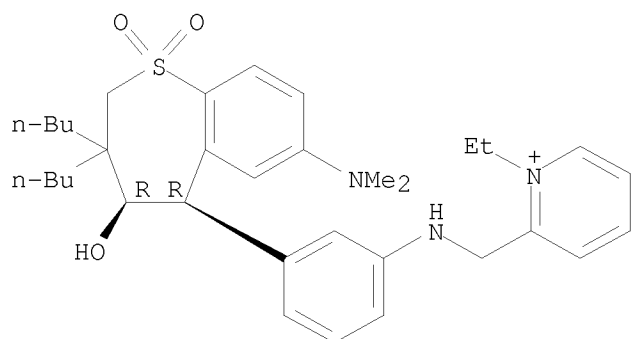


RN 289038-26-2 CAPLUS

CN Pyridinium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

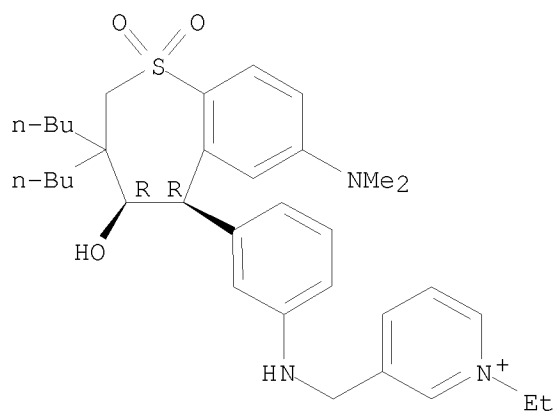
Relative stereochemistry.

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RN 289038-27-3 CAPLUS
CN Pyridinium, 3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

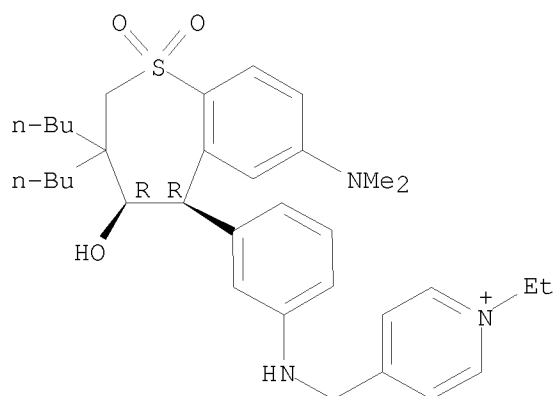
Relative stereochemistry.



RN 289038-28-4 CAPLUS
CN Pyridinium, 4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

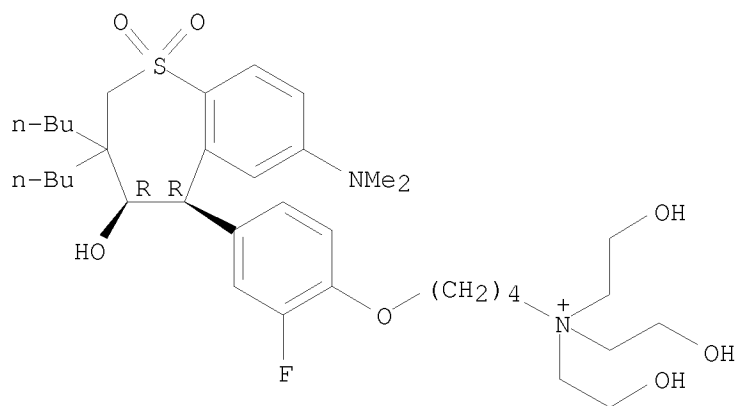
10/590,458



● I⁻

RN 289038-33-1 CAPLUS
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-tris(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

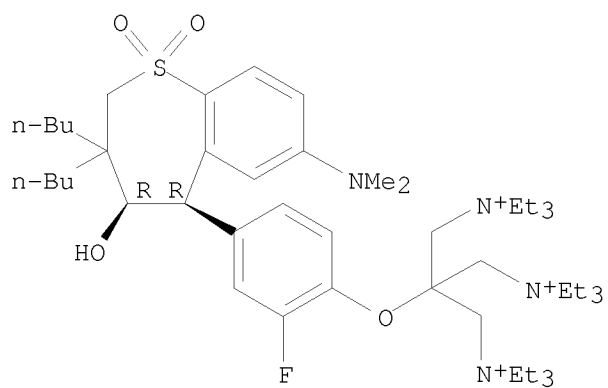


● I⁻

RN 289038-34-2 CAPLUS
CN 1,3-Propanediaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N1,N1,N1,N3,N3,N3-hexaethyl-2-[(triethylammonio)methyl]-, iodide (1:3), rel- (CA INDEX NAME)

Relative stereochemistry.

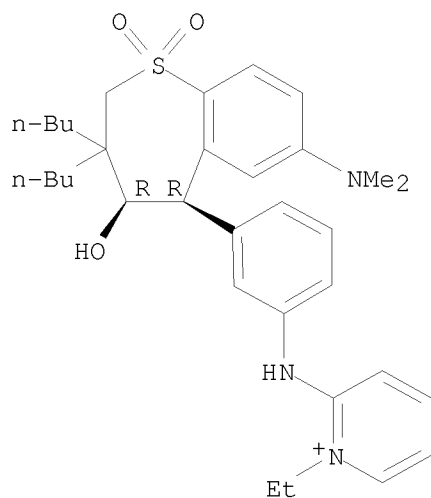
10/590,458



● 3 I⁻

RN 289038-35-3 CAPLUS
CN Pyridinium, 2-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

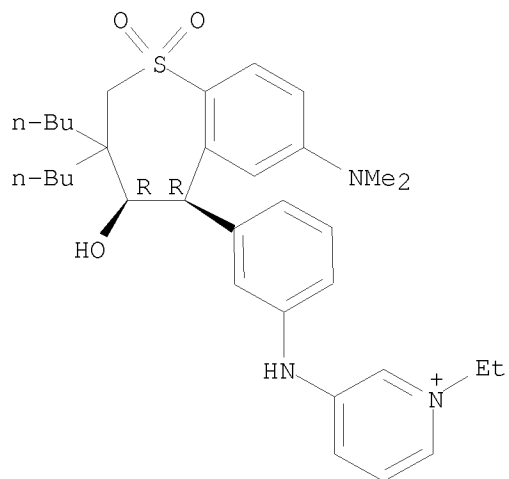


● I⁻

RN 289038-36-4 CAPLUS
CN Pyridinium, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

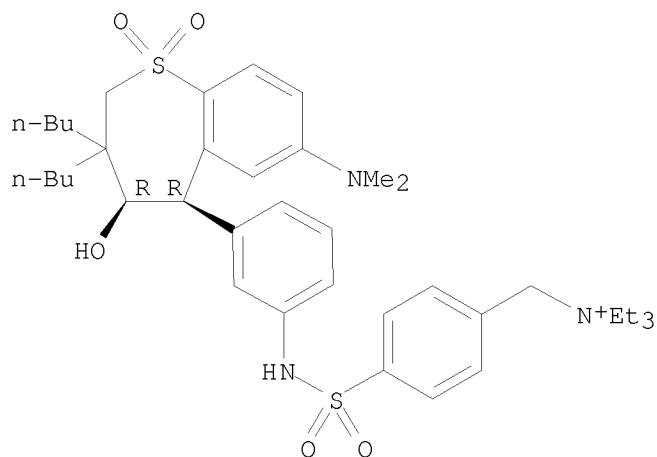
Relative stereochemistry.



RN 289038-37-5 CAPLUS

CN Benzenemethanaminium, 4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]sulfonyl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

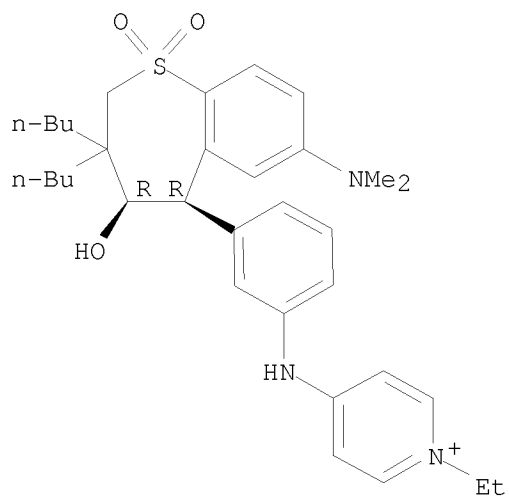


RN 289038-38-6 CAPLUS

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CN Pyridinium, 4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

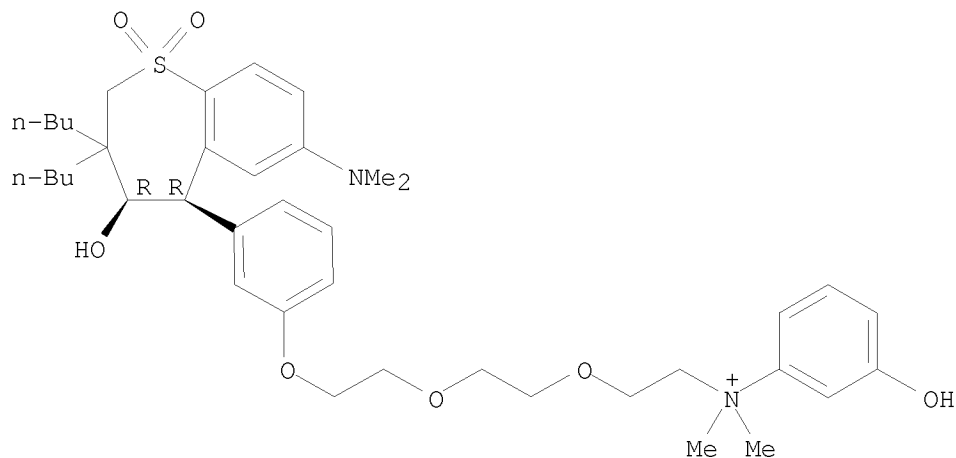


RN 289038-42-2 CAPLUS

CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-hydroxy-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

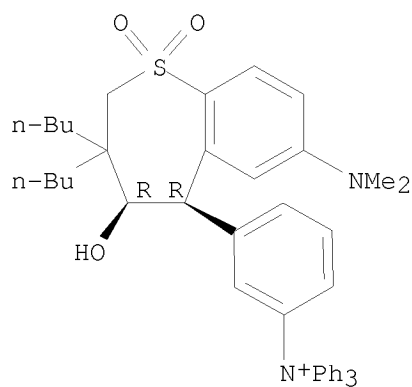
Relative stereochemistry.

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RN 289038-43-3 CAPLUS
CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triphenyl-, bromide (1:1), rel- (CA INDEX NAME)

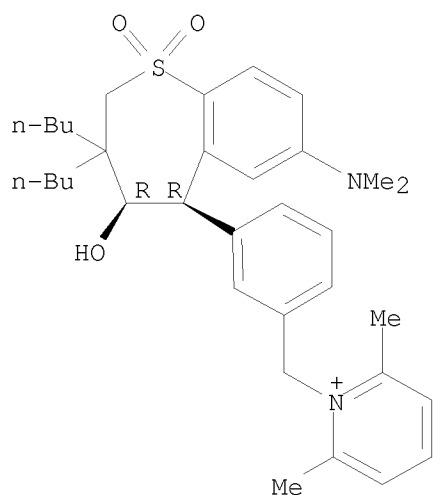
Relative stereochemistry.



RN 289038-44-4 CAPLUS
CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-2,6-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

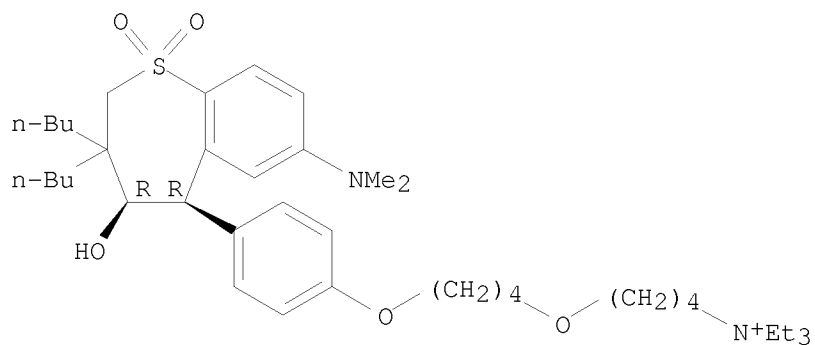
Relative stereochemistry.

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RN 289038-45-5 CAPLUS
CN 1-Butanaminium, 4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

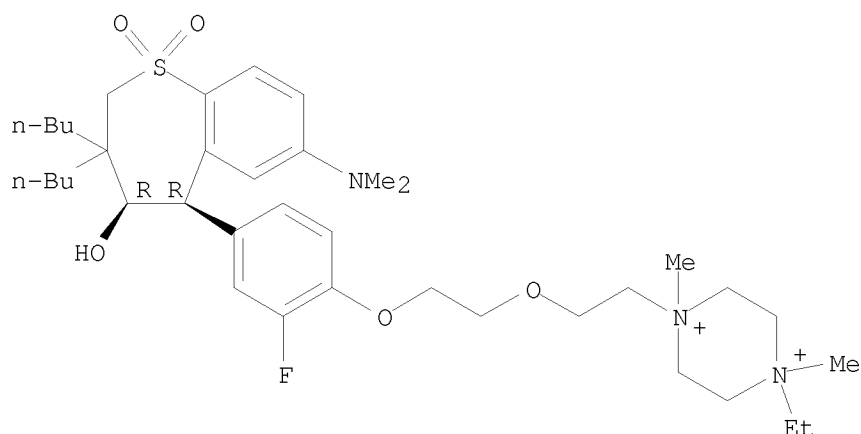
Relative stereochemistry.



RN 289056-45-7 CAPLUS
CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-ethyl-1,4-dimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

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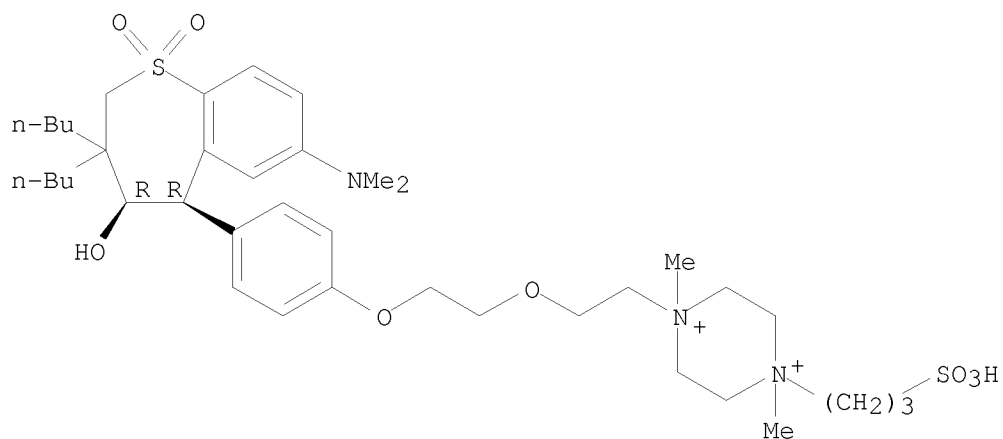


● 2 I⁻

RN 289056-46-8 CAPLUS

CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-1,4-dimethyl-4-(3-sulfopropyl)-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



● 2 I⁻

IT	197373-46-9P	228113-63-1P	228113-64-2P
	228113-65-3P	289038-46-6P	289038-47-7P
	289038-52-4P	289038-53-5P	289038-54-6P
	289038-55-7P	289038-56-8P	289038-57-9P
	289038-58-0P	289038-59-1P	289038-60-4P
	289038-61-5P	289038-62-6P	289038-63-7P
	289038-64-8P	289038-65-9P	289038-66-0P

289038-67-1P 289038-68-2P 289038-70-6P
 289038-72-8P 289038-74-0P 289038-75-1P
 289038-77-3P 289038-78-4P 289038-79-5P
 289038-80-8P 289038-81-9P 289038-82-0P
 289038-83-1P 289038-84-2P 289038-86-4P

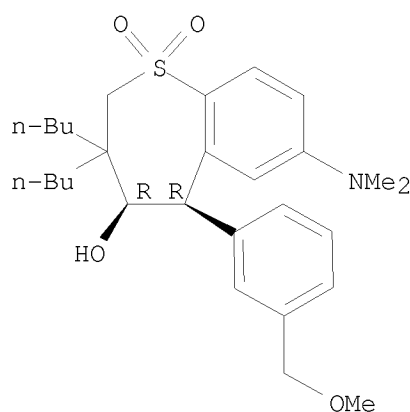
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 197373-46-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(methoxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

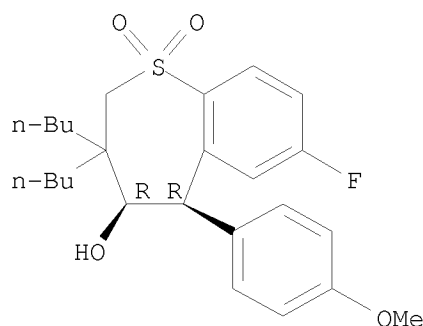
Relative stereochemistry.



RN 228113-63-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

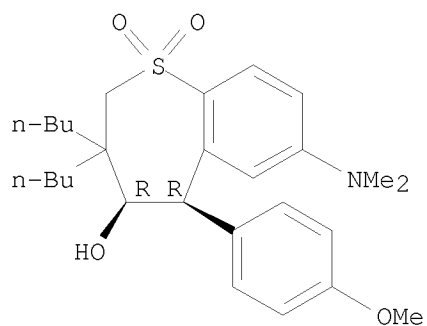


RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

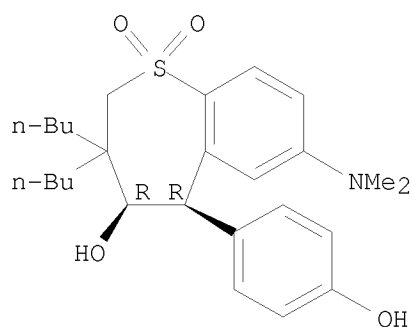
10/590,458



RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

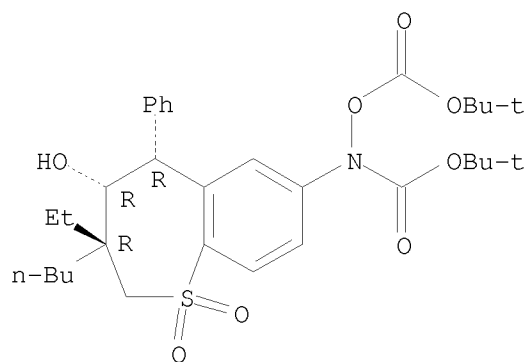
Absolute stereochemistry.



RN 289038-46-6 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl][[(1,1-dimethylethoxy)carbonyl]oxy]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



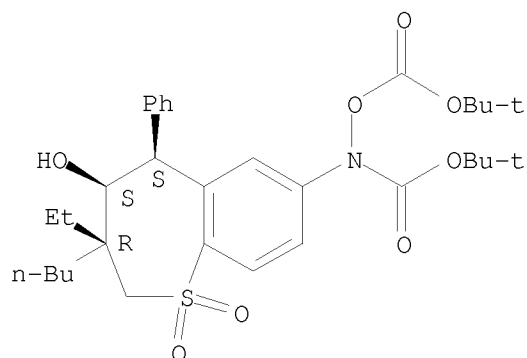
RN 289038-47-7 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-

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1,1-dioxido-5-phenyl-1-benzothiepin-7-yl][[(1,1-dimethylethoxy)carbonyl]oxy]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

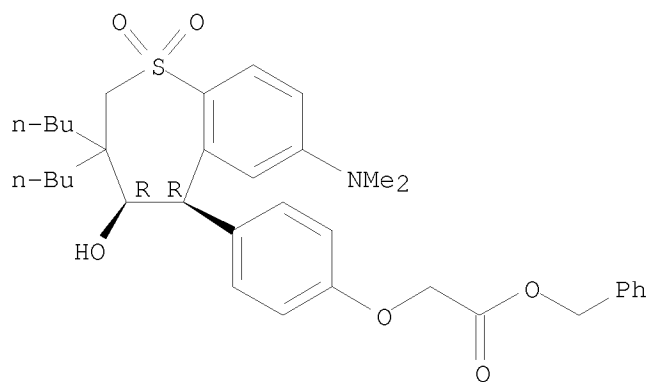
Relative stereochemistry.



RN 289038-52-4 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

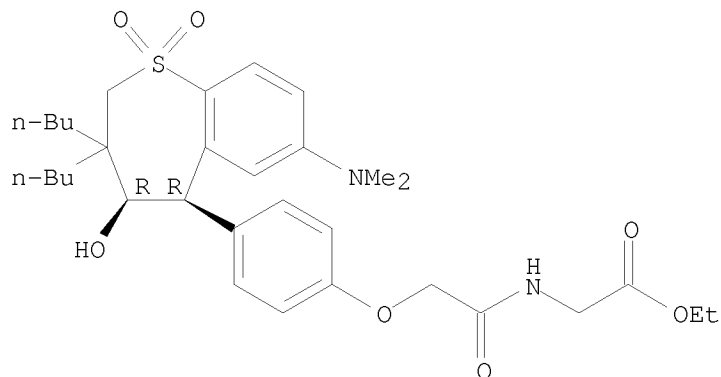


RN 289038-53-5 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

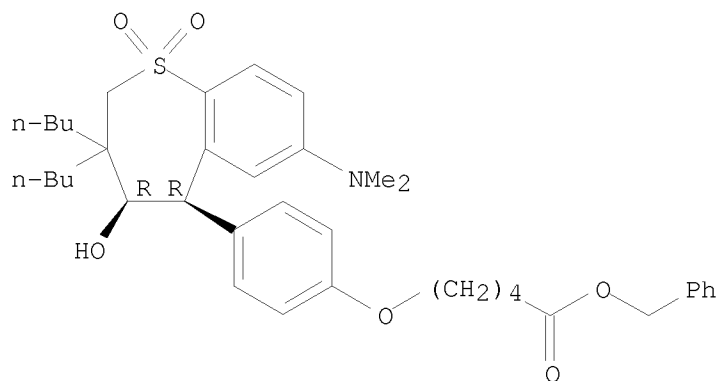
10/590,458



RN 289038-54-6 CAPLUS

CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

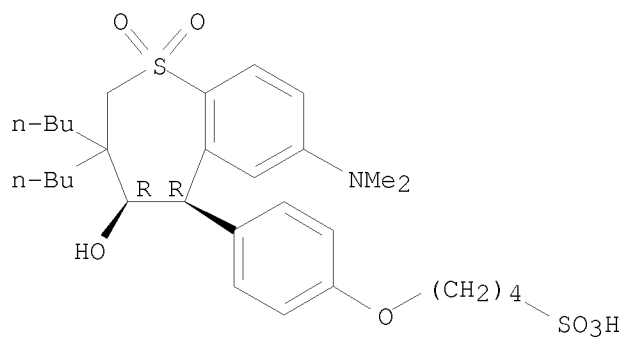


RN 289038-55-7 CAPLUS

CN 1-Butanesulfonic acid, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

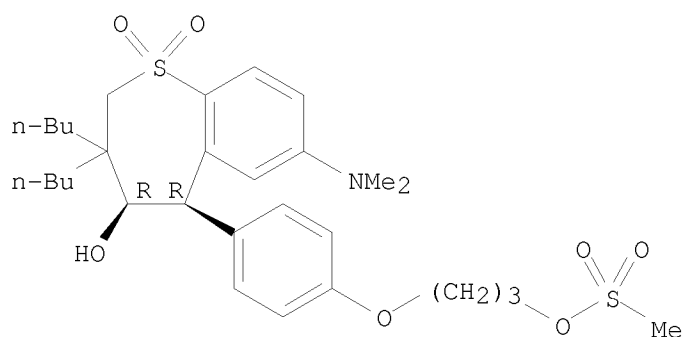
10/590,458



RN 289038-56-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[3-[(methylsulfonyl)oxy]propoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

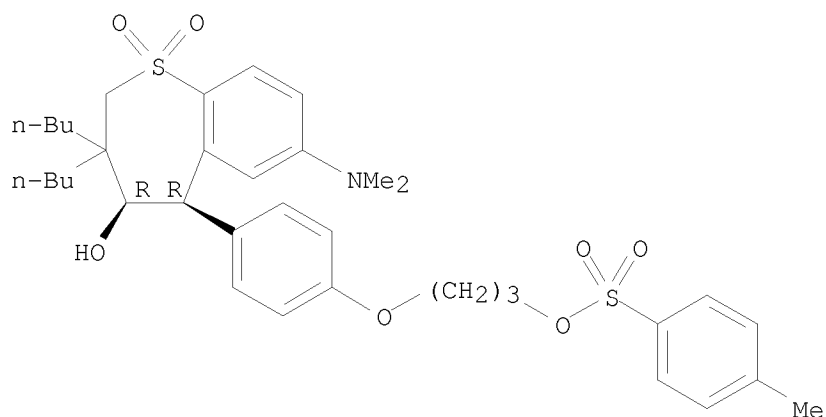


RN 289038-57-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[3-[[4-methylphenyl)sulfonyl]oxy]propoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

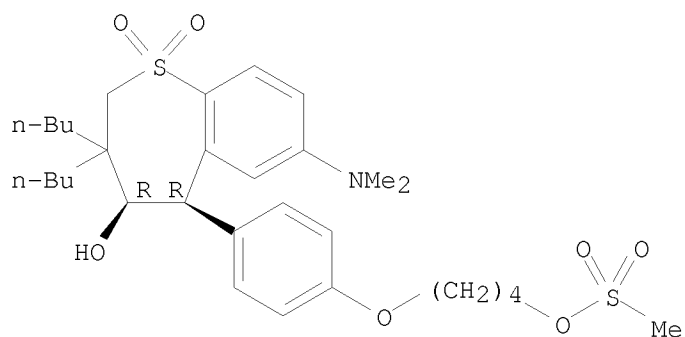
10/590,458



RN 289038-58-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[4-[(methylsulfonyl)oxy]butoxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX
NAME)

Absolute stereochemistry.

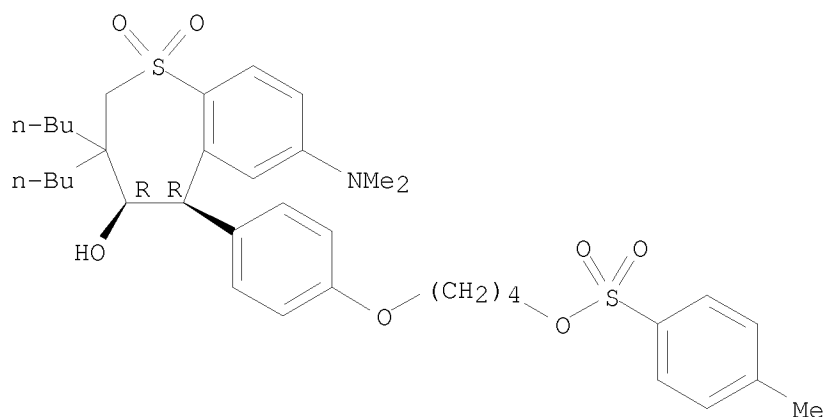


RN 289038-59-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[4-[[4-methylphenyl)sulfonyl]oxy]butoxy]phenyl]-, 1,1-dioxide, (4R,5R)-
(CA INDEX NAME)

Absolute stereochemistry.

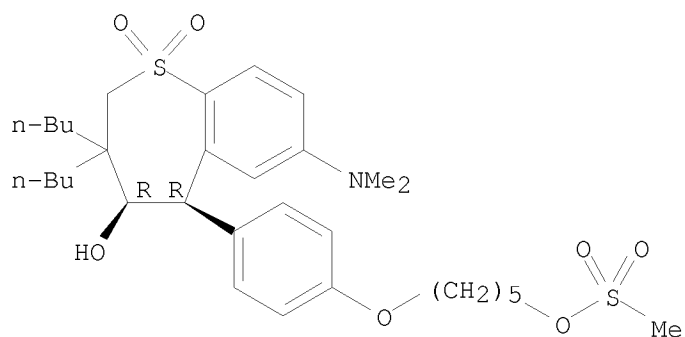
10/590,458



RN 289038-60-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-[(methylsulfonyl)oxy]pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA
INDEX NAME)

Absolute stereochemistry.

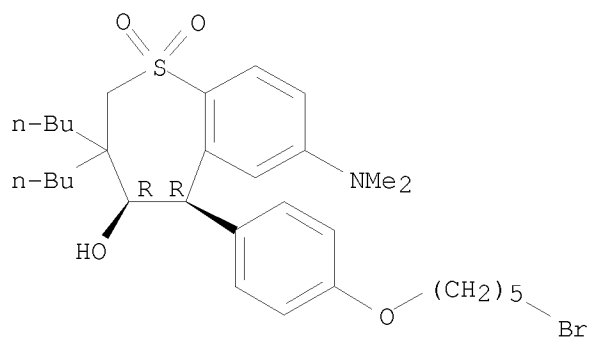


RN 289038-61-5 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-bromopentyl)oxy]phenyl]-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX
NAME)

Absolute stereochemistry. Rotation (+).

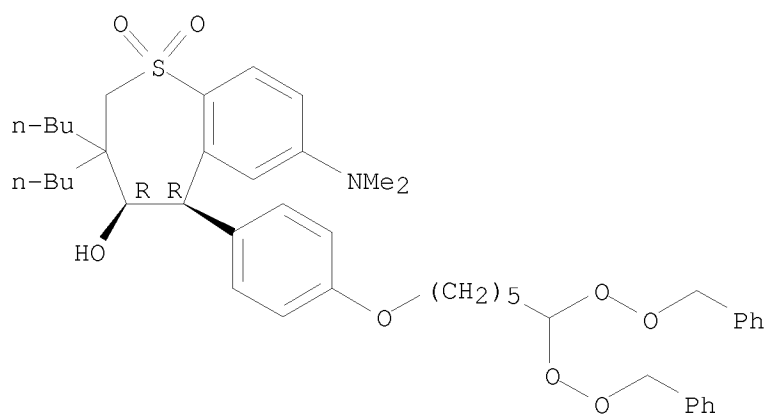
10/590,458



RN 289038-62-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[[6,6-bis[(phenylmethyl)dioxy]hexyl]oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

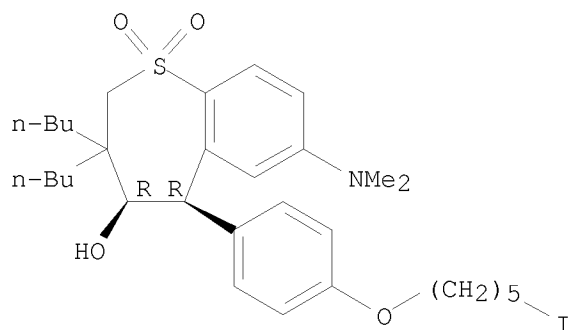
Absolute stereochemistry.



RN 289038-63-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(5-iodopentyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

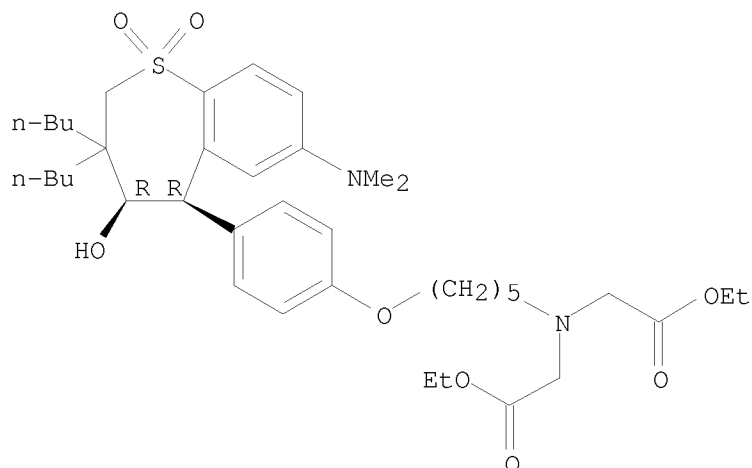


10/590,458

RN 289038-64-8 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

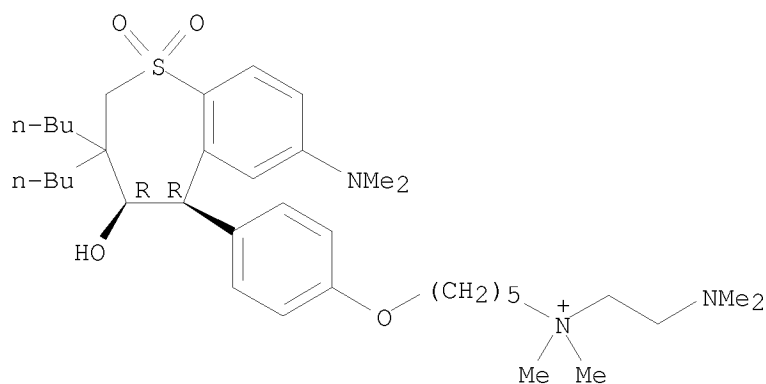
Absolute stereochemistry.



RN 289038-65-9 CAPLUS

CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide (1:1) (CA INDEX NAME)

Absolute stereochemistry.



RN 289038-66-0 CAPLUS

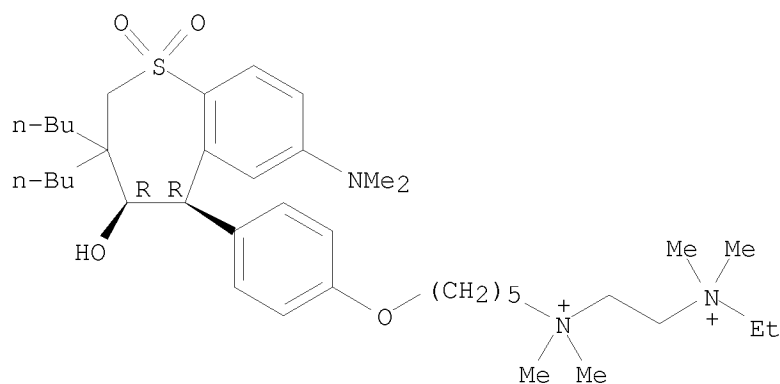
CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, bromide iodide
(1:1:1) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



● Br⁻

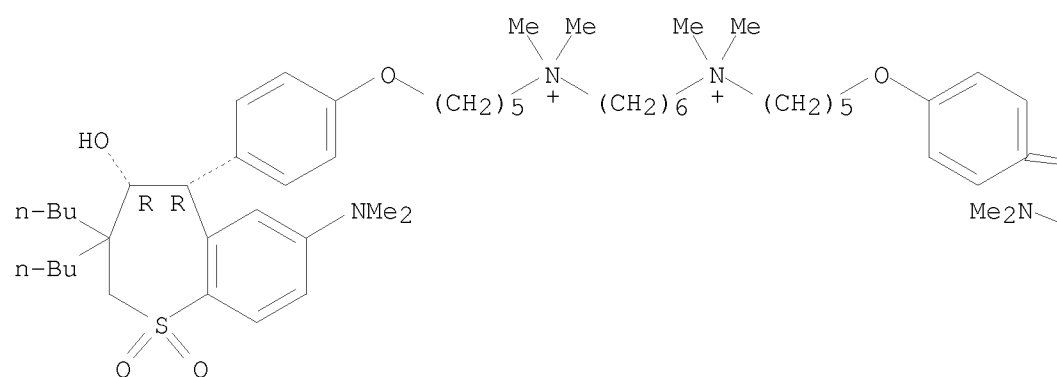
PAGE 2-A

● I⁻

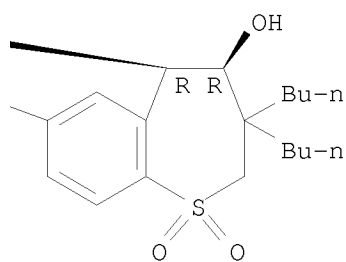
RN 289038-67-1 CAPLUS
CN 1,6-Hexanediinium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl-, bromide (1:2) (CA INDEX
NAME)

Absolute stereochemistry.

PAGE 1-A

● 2 Br⁻

PAGE 1-B

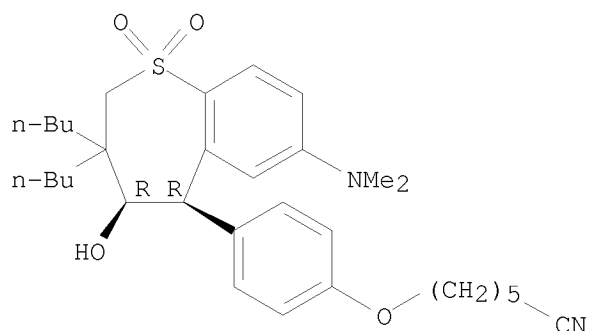


RN 289038-68-2 CAPLUS

CN Hexanenitrile, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

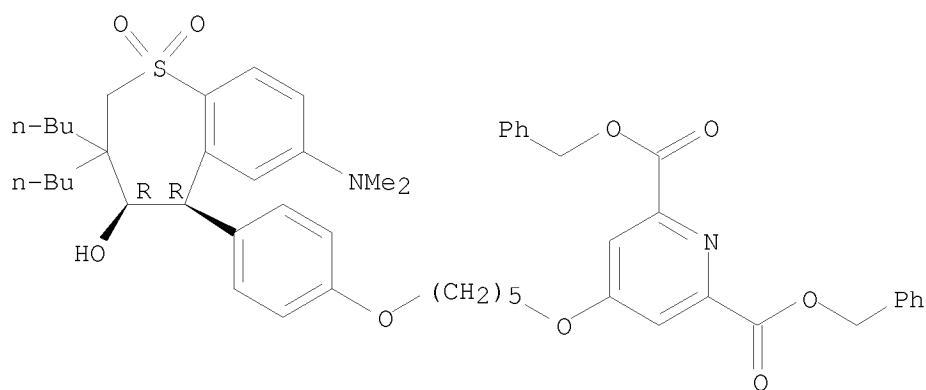
10/590,458



RN 289038-70-6 CAPLUS

CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]oxy]-, 2,6-bis(phenylmethyl) ester (CA INDEX NAME)

Absolute stereochemistry.

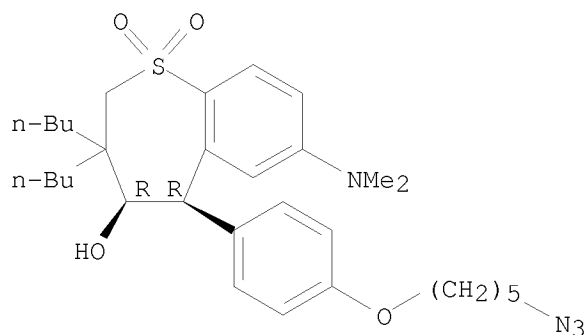


RN 289038-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-azidopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

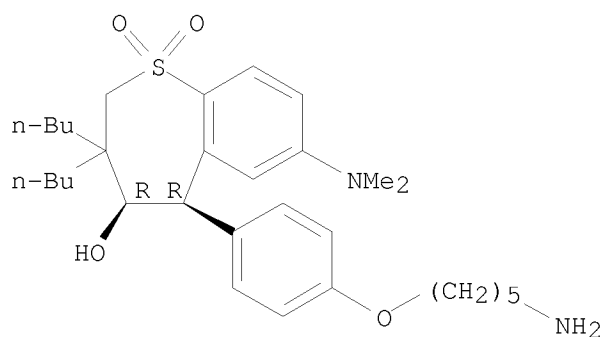
10/590,458



RN 289038-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(5-aminopentyl)oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

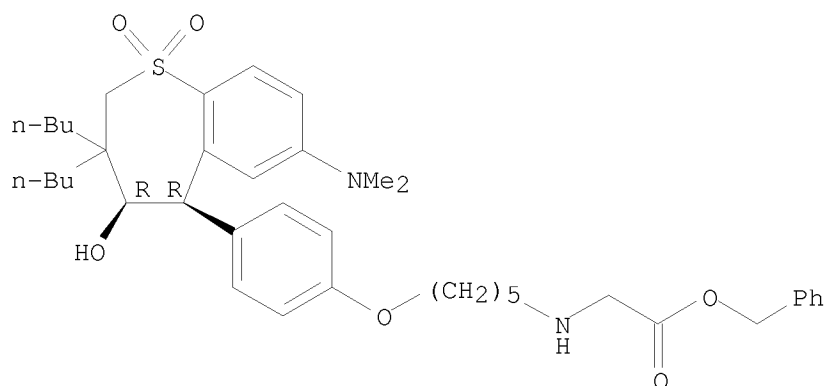


RN 289038-75-1 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

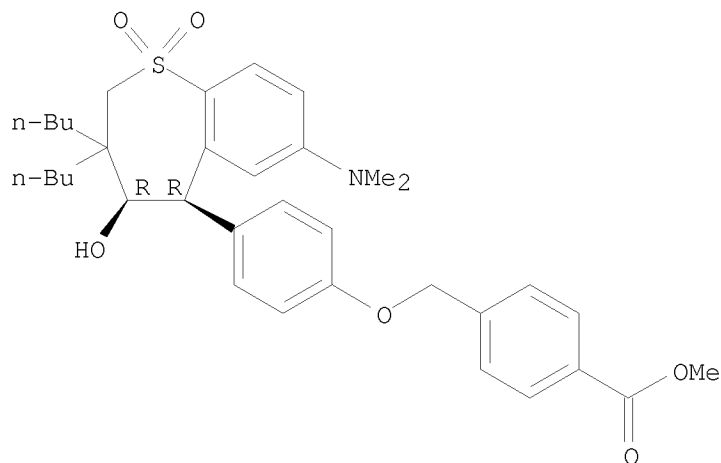
10/590,458



RN 289038-77-3 CAPLUS

CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

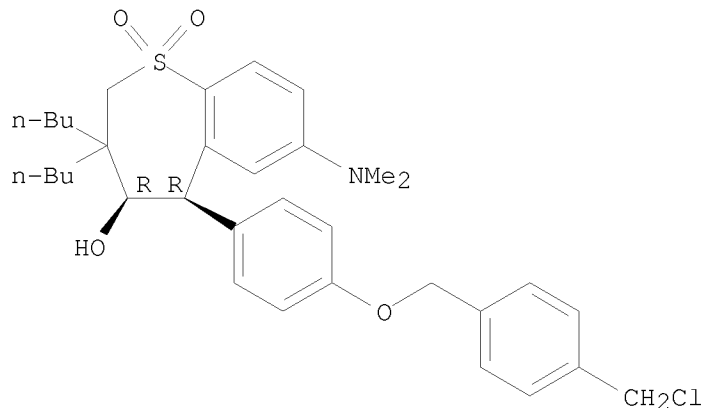


RN 289038-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[4-(chloromethyl)phenyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

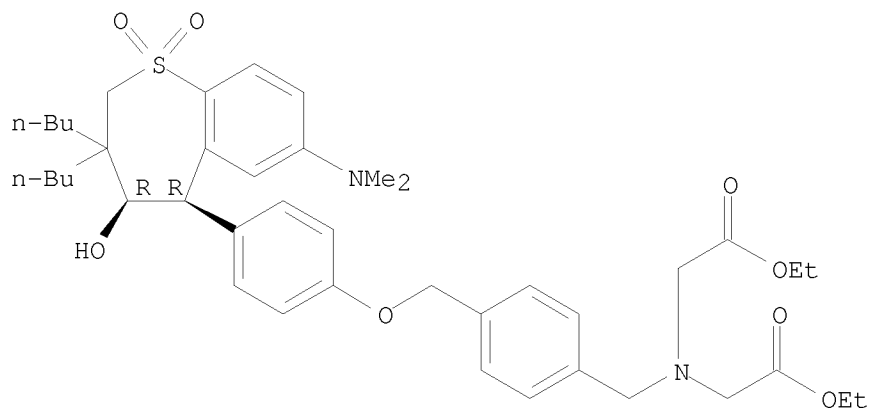
10/590,458



RN 289038-79-5 CAPLUS

CN Glycine, N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

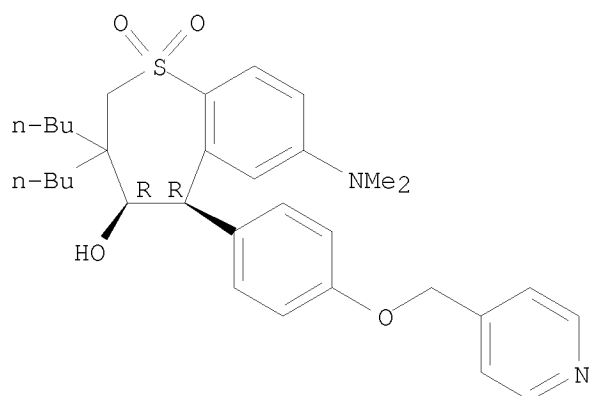


RN 289038-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(4-pyridinylmethoxy)phenyl]-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

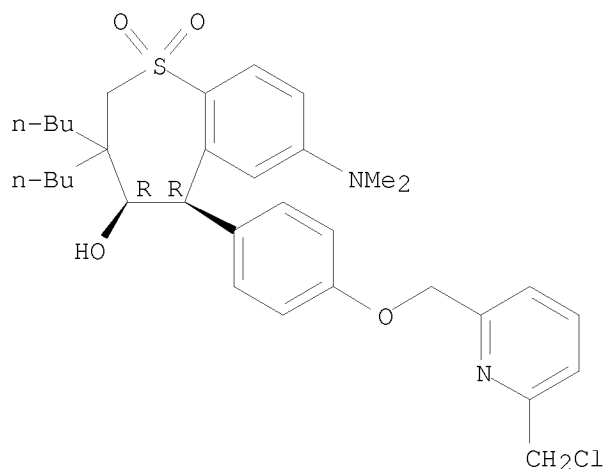
10/590,458



RN 289038-81-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[6-(chloromethyl)-2-pyridinyl]methoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

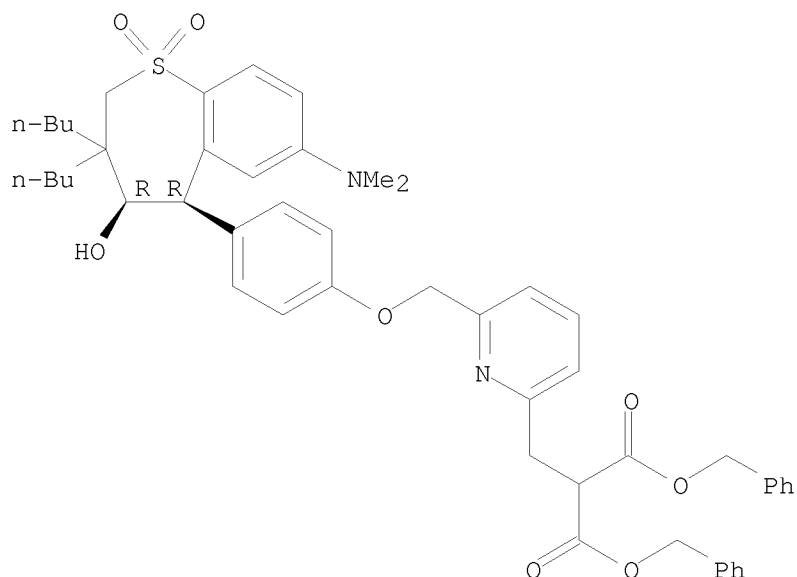
Absolute stereochemistry.



RN 289038-82-0 CAPLUS

CN Propanedioic acid, 2-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-, 1,3-bis(phenylmethyl) ester (CA INDEX NAME)

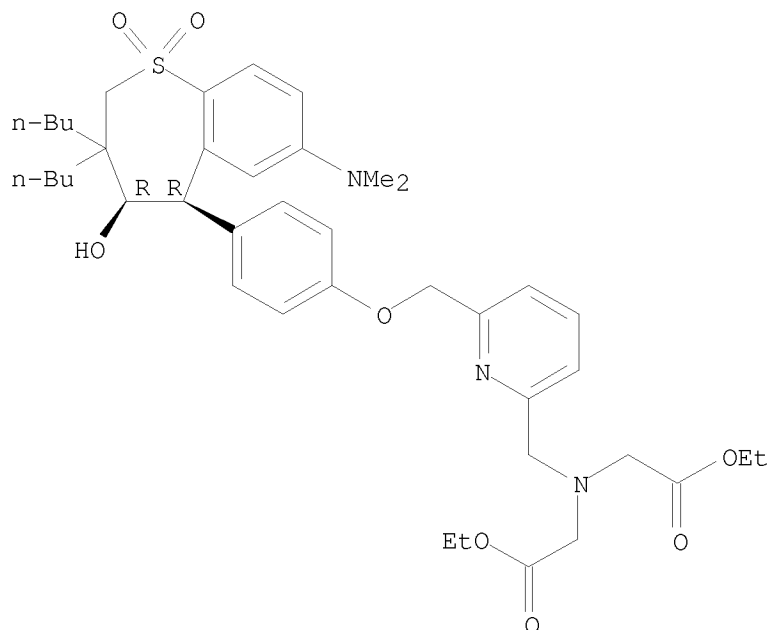
Absolute stereochemistry.



RN 289038-83-1 CAPLUS

CN Glycine, N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-N-(2-ethoxy-2-oxoethyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



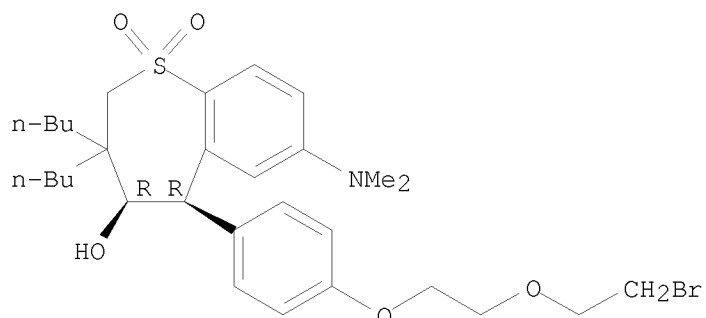
RN 289038-84-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

10/590,458

NAME)

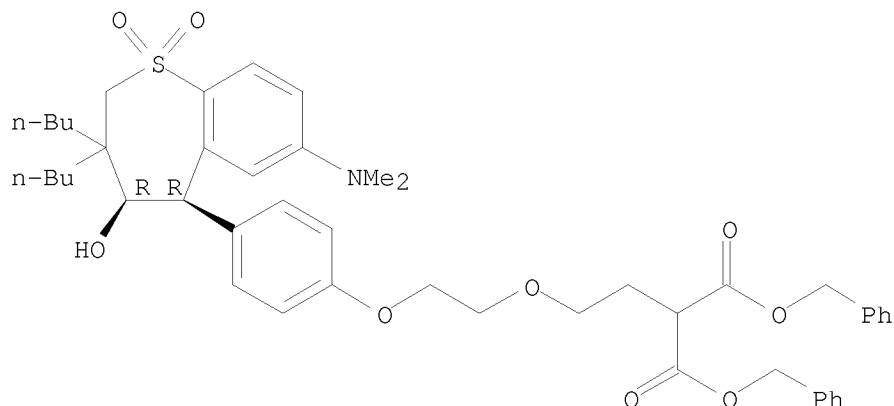
Absolute stereochemistry.



RN 289038-86-4 CAPLUS

CN Propanedioic acid, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, 1,3-bis(phenylmethyl) ester (CA INDEX NAME)

Absolute stereochemistry.



IT 289039-86-7P 289039-87-8P 289039-88-9P
289039-90-3P 289039-91-4P 289039-93-6P
289039-95-8P 289039-96-9P 289039-97-0P
289039-98-1P 289039-99-2P 289040-00-2P
289040-01-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

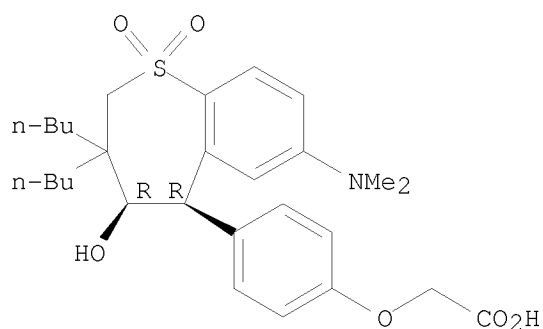
(preparation of substituted 5-aryl-benzothiepinines by cyclization of 2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile acid transport and taurocholate uptake inhibitors)

RN 289039-86-7 CAPLUS

CN Acetic acid, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (CA INDEX NAME)

Relative stereochemistry.

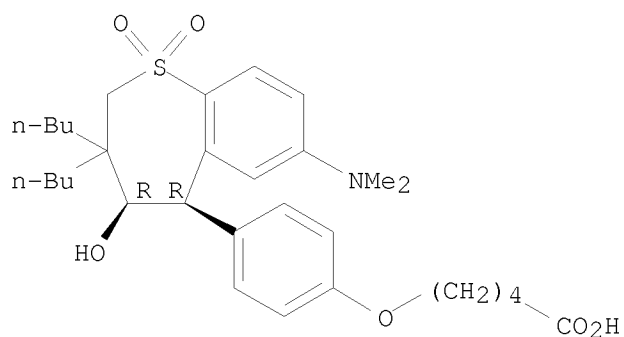
10/590,458



RN 289039-87-8 CAPLUS

CN Pentanoic acid, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (CA INDEX NAME)

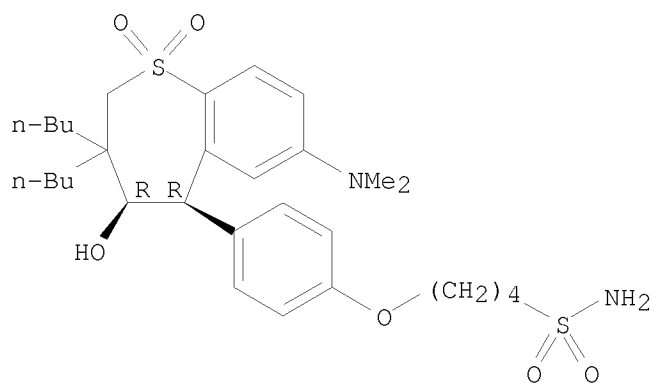
Relative stereochemistry.



RN 289039-88-9 CAPLUS

CN 1-Butanesulfonamide, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (CA INDEX NAME)

Relative stereochemistry.



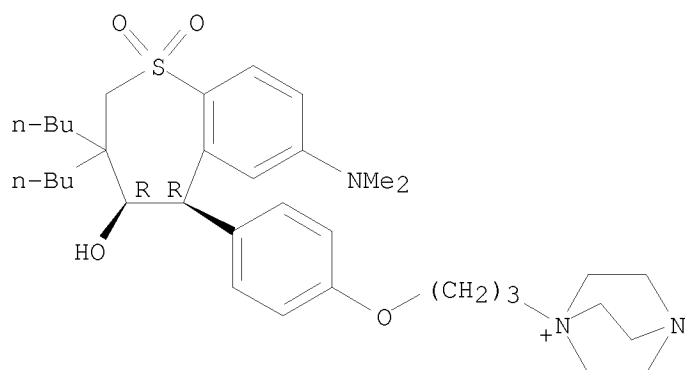
10/590,458

RN 289039-90-3 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, rel-,
methanesulfonate (1:1) (CA INDEX NAME)

CM 1

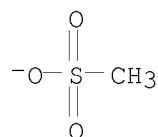
CRN 289039-89-0
CMF C35 H54 N3 O4 S

Relative stereochemistry.



CM 2

CRN 16053-58-0
CMF C H3 O3 S



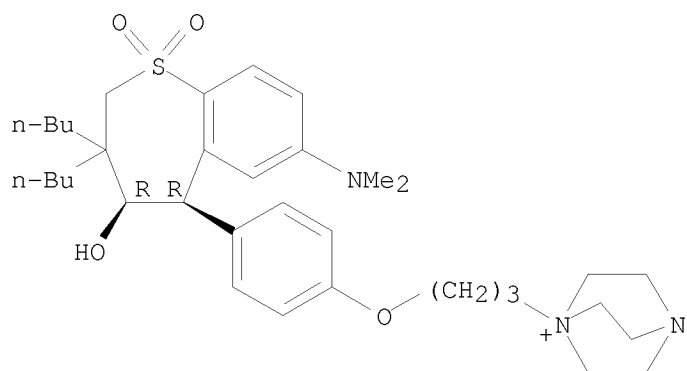
RN 289039-91-4 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, rel-, salt with
4-methylbenzenesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 289039-89-0
CMF C35 H54 N3 O4 S

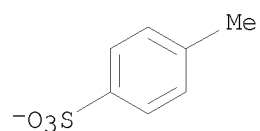
Relative stereochemistry.

10/590,458



CM 2

CRN 16722-51-3
CMF C7 H7 O3 S

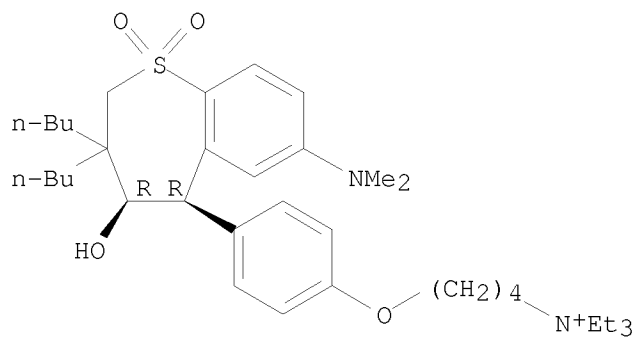


RN 289039-93-6 CAPLUS
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 289039-92-5
CMF C36 H59 N2 O4 S

Relative stereochemistry.

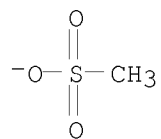


10/590,458

CM 2

CRN 16053-58-0

CMF C H3 O3 S



RN 289039-95-8 CAPLUS

CN Quinolinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel-, methanesulfonate (1:1) (CA INDEX NAME)

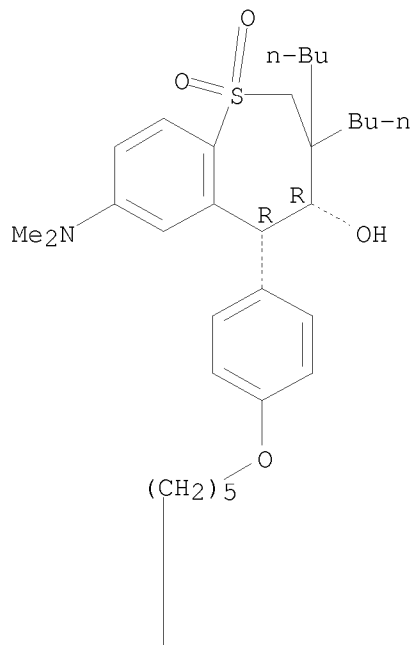
CM 1

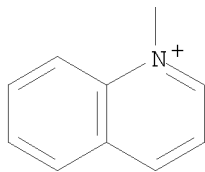
CRN 289039-94-7

CMF C40 H53 N2 O4 S

Relative stereochemistry.

PAGE 1-A

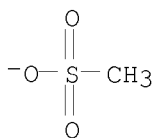




CM 2

CRN 16053-58-0

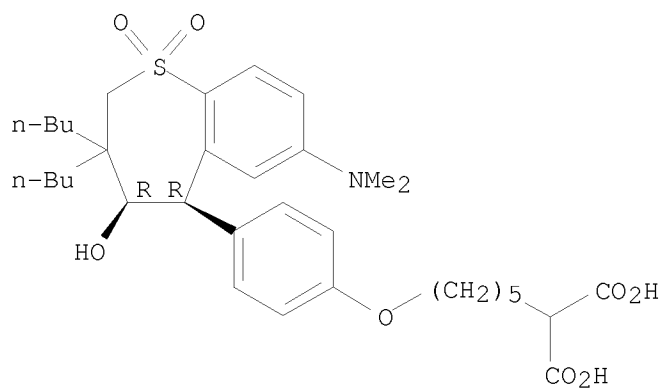
CMF C H3 O3 S



RN 289039-96-9 CAPLUS

CN Propanedioic acid, 2-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

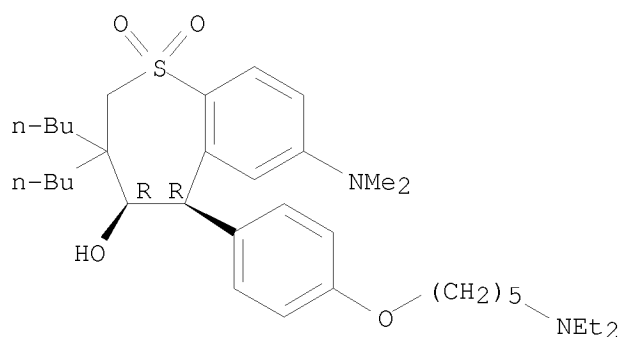


RN 289039-97-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[5-(diethylamino)pentyl]oxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

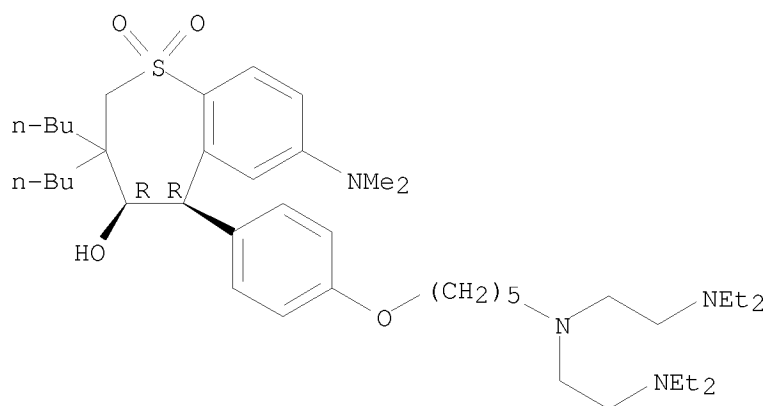
Relative stereochemistry.

10/590,458



RN 289039-98-1 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[[5-[bis[2-(diethylamino)ethyl]amino]pentyl]oxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

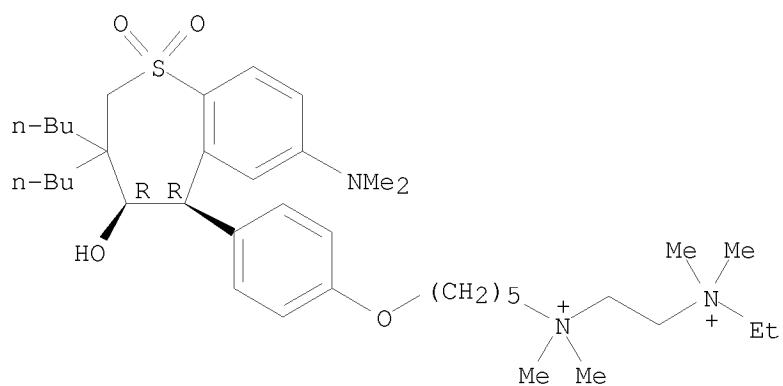
Relative stereochemistry.



RN 289039-99-2 CAPLUS
CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, chloride (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

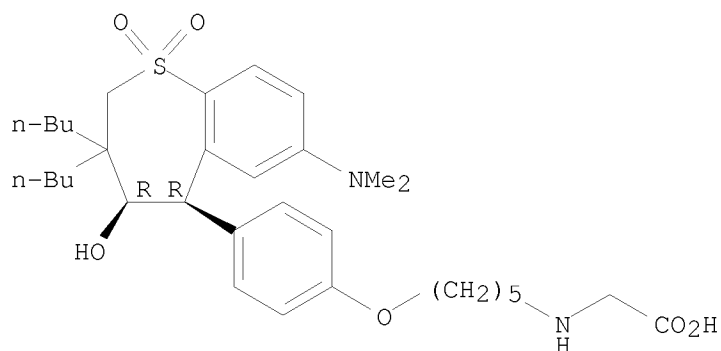


● 2 Cl⁻

RN 289040-00-2 CAPLUS

CN Glycine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)

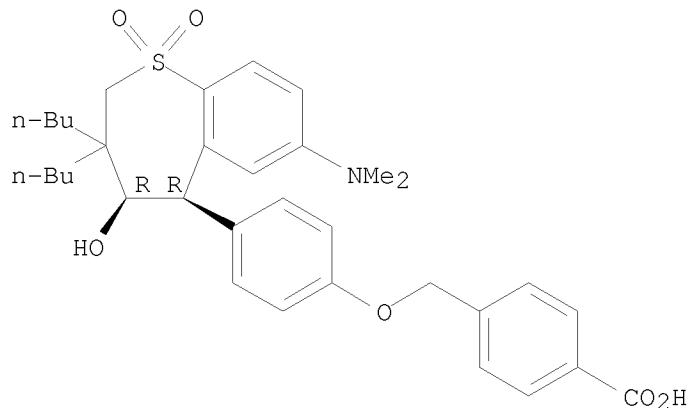
Relative stereochemistry.



RN 289040-01-3 CAPLUS

CN Benzoic acid, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



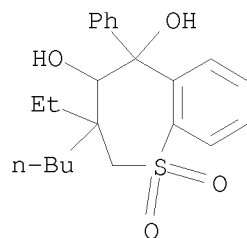
IT 197372-68-2P

RL: BYP (Byproduct); PREP (Preparation)

(preparation of substituted 5-aryl-benzothiepine by cyclization of
2-((2-benzyl- and 2-benzoylphenylthio)methyl)alkanals as ileal bile
acid transport and taurocholate uptake inhibitors)

RN 197372-68-2 CAPLUS

CN 1-Benzothiepin-4,5-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide (CA INDEX NAME)



OS.CITING REF COUNT: 17

THERE ARE 17 CAPLUS RECORDS THAT CITE THIS
RECORD (24 CITINGS)

REFERENCE COUNT: 56

THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 34 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:456926 CAPLUS

DOCUMENT NUMBER: 133:84286

TITLE: Combinations of ileal bile acid transport inhibitors and nicotinic acid derivatives for cardiovascular indications

INVENTOR(S): Keller, Bradley T.; Glenn, Kevin C.; Connolly, Daniel T.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000038729	A1	20000706	WO 1999-US27950	19991217
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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AU 2000023481	A	20000731	AU 2000-23481	19991217
AU 776952	B2	20040930		
EP 1140191	A1	20011010	EP 1999-967141	19991217
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BR 9916567	A	20011211	BR 1999-16567	19991217
HU 2001004593	A2	20020328	HU 2001-4593	19991217
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 US 1999-466596 B3 19991217
 WO 1999-US27950 W 19991217
 US 2002-200585 A3 20020723
 AB Combinations of cardiovascular therapeutic compds. are provided for the
 prophylaxis or treatment of cardiovascular disease including
 hypercholesterolemia, atherosclerosis, or hyperlipidemia. Combinations
 disclosed include an ileal bile acid transport inhibitor combined with a
 nicotinic acid derivative
 IT 197373-42-5 197373-42-5D, enantiomers
 280105-79-5 280105-79-5D, enantiomers
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (ileal bile acid transport inhibitor-nicotinic acid derivative combination)

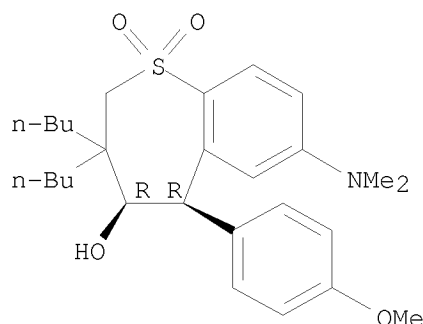
10/590,458

for cardiovascular indications)

RN 197373-42-5 CAPLUS

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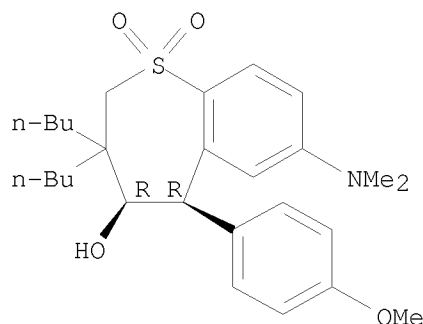
Relative stereochemistry.



RN 197373-42-5 CAPLUS

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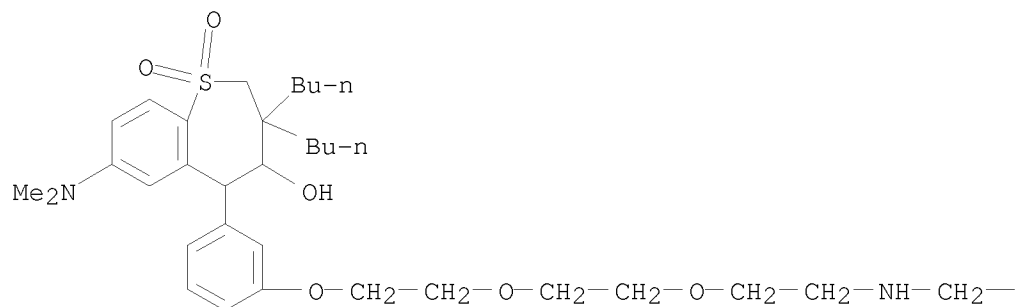
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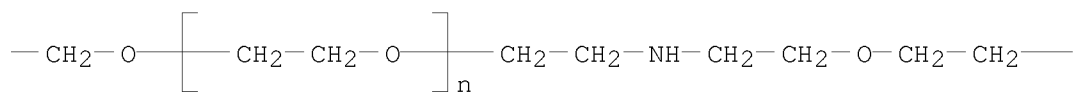
RN 280105-79-5 CAPLUS

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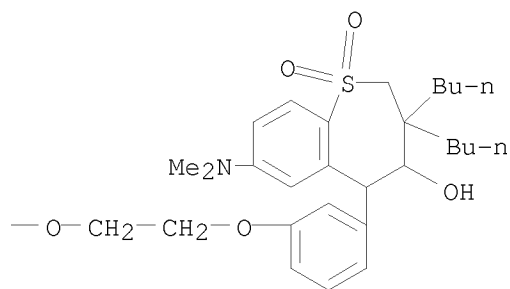
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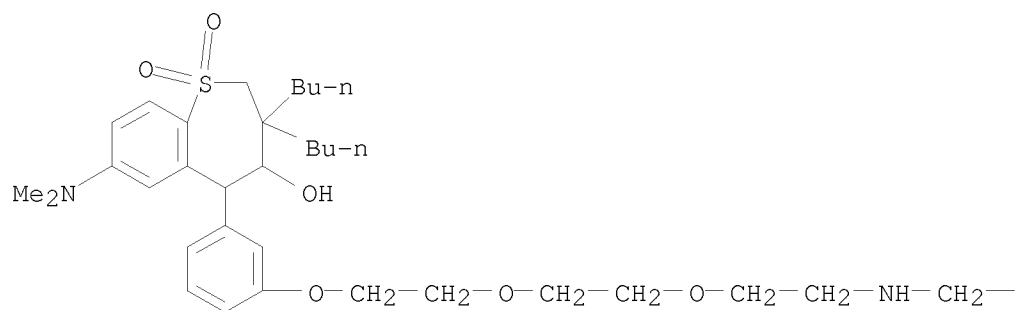
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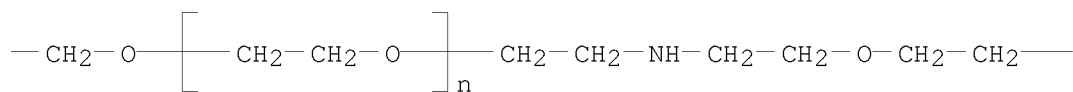
RN 280105-79-5 CAPLUS

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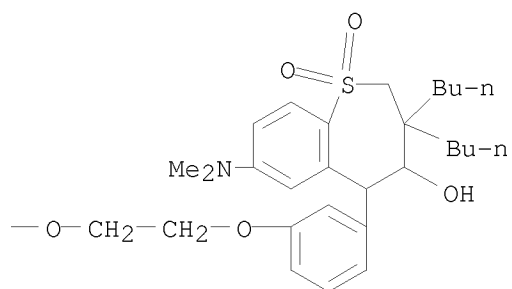
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PAGE 1-B



PAGE 1-C



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L17 ANSWER 35 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:456925 CAPLUS

DOCUMENT NUMBER: 133:94516

TITLE: Combinations of ileal bile acid transport inhibitors and bile acid sequestering agents for cardiovascular indications

INVENTOR(S): Keller, Bradley T.; Glenn, Kevin C.; Schuh, Joseph R.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, RO, CY				
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EP 1342475	A1	20030910	EP 2003-11146	19991217
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, RO, CY

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US 20030109558	A1	20030612	US 2002-245506	20020918
US 6890958	B2	20050510		
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US 20040048846	A1	20040311	US 2003-652306	20030902
US 20070203246	A1	20070830	US 2007-742764	20070501

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WO 1999-US27949	W	19991217
US 2002-200585	A3	20020723

AB The present invention provides combinations of cardiovascular therapeutic compds. for the prophylaxis or treatment of cardiovascular disease including hypercholesterolemia, atherosclerosis, or hyperlipidemia. Combinations disclosed include an ileal bile acid transport inhibitor combined with a bile acid sequestrant. A therapeutic combination containing (3R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-1-4-benzothiazepine-1,2-dioxide and cholestyramine is disclosed. Different biol. assays to show the utility of the invention are described.

IT 197373-42-5D, enantiomers, mixture with sequestering agents
280105-79-5D, enantiomers, mixture with sequestering agents

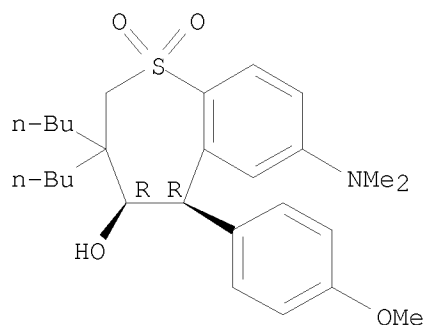
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(combinations of ileal bile acid transport inhibitors and bile acid sequestering agents for cardiovascular indications)

RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

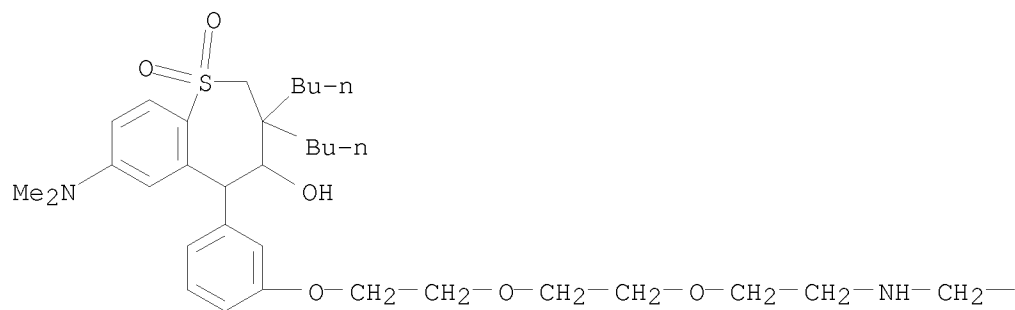
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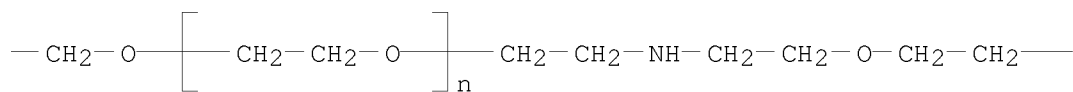
RN 280105-79-5 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[2-[[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]amino]ethyl]- ω -[2-[[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]amino]ethoxy]-, rel- (9CI) (CA INDEX NAME)

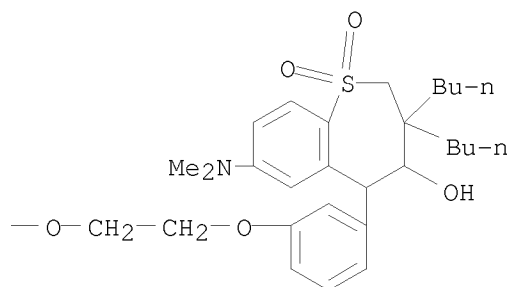
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L17 ANSWER 36 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:456924 CAPLUS

DOCUMENT NUMBER: 133:79370

TITLE: Combinations of ileal bile acid transport inhibitors and fibric acid derivatives for cardiovascular indications

INVENTOR(S): Keller, Bradley T.; Glenn, Kevin C.; Schuh, Joseph R.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

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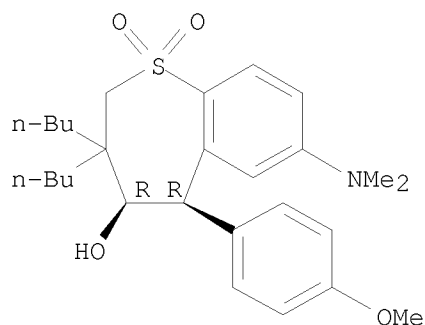
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			WO 1999-US27948	W 19991217
			US 2002-200585	A3 20020723
AB	The present invention provides combinations of cardiovascular therapeutic compds. for the prophylaxis or treatment of cardiovascular disease including hypercholesterolemia, atherosclerosis, or hyperlipidemia. Combinations disclosed include an ileal bile acid transport inhibitor combined with a fibric acid derivative A therapeutic combination containing (3R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-1-4-benzothiazepine-1,2-dioxide and clofibrate is disclosed. Different biol. assays to show the utility of the invention are described.			
IT	197373-42-5D, enantiomers, mixts. with fibric acid derivs. 280105-79-5D, enantiomers, mixts. with fibric acid derivs.			
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(combinations of ileal bile acid transport inhibitors and fibric acid
derivs. for cardiovascular indications)

RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

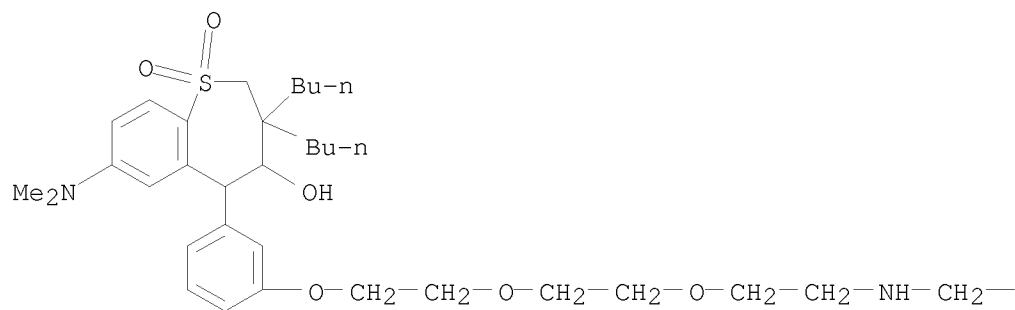
Relative stereochemistry.



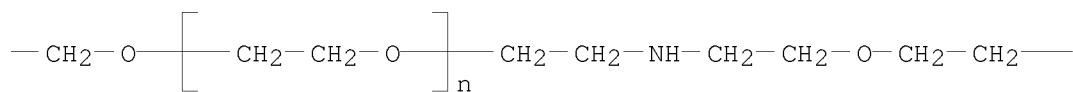
RN 280105-79-5 CAPLUS

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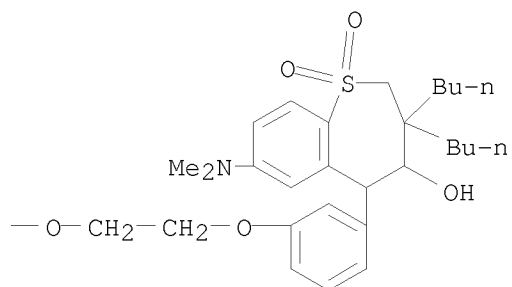
PAGE 1-A



PAGE 1-B



PAGE 1-C



OS.CITING REF COUNT:	5	THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
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L17 ANSWER 37 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:456923 CAPLUS

DOCUMENT NUMBER: 133:79369

TITLE: Combinations of ileal bile acid transport inhibitors and cholesteryl ester transfer protein inhibitors for cardiovascular indications

INVENTOR(S): Keller, Bradley T.; Sikorski, James A.; Glenn, Kevin C.; Connolly, Daniel T.; Smith, Mark E.; Schuh, Joseph R.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 93 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

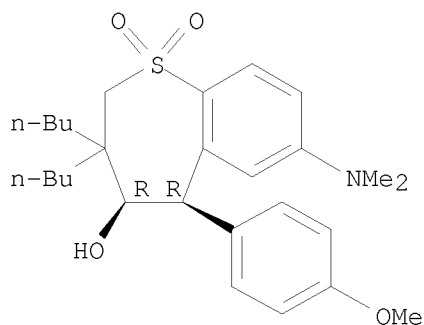
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WO 2000038726	A1	20000706	WO 1999-US27947	19991217
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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US 6458851	B1	20021001	US 1999-466415	19991217
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US 20030166720	A1	20030904	US 2002-200600 20020723
US 20030203892	A1	20031030	US 2002-200599 20020723
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US 20040028644	A1	20040212	US 2003-412694 20030414
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US 20070203246	A1	20070830	US 2007-742764 20070501
PRIORITY APPLN. INFO.:		US 1998-113955P	P 19981223
		US 1999-143047P	P 19990707
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		WO 1999-US27947	W 19991217
		US 2002-200585	A3 20020723

AB The present invention provides combinations of cardiovascular therapeutic compds. for the prophylaxis or treatment of cardiovascular disease including hypercholesterolemia, atherosclerosis, or hyperlipidemia. Combinations disclosed include an ileal bile acid transport inhibitor combined with a cholesteryl ester transfer protein (CETP) inhibitor. A therapeutic combination containing (3R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-7,8-dimethoxy-5-phenyl-1-4-benzothiazepine-1,2-dioxide and a cholesteryl ester transfer protein inhibitor is disclosed. Different biol. assays to show the utility of the invention are described.

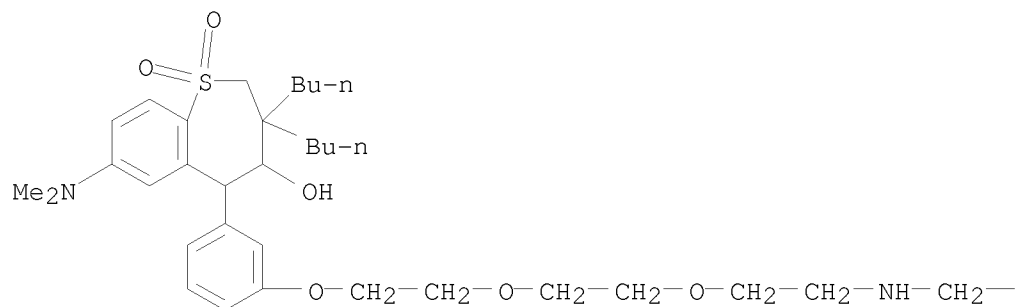
IT 197373-42-5D, enantiomers 280105-79-5D, enantiomers
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (mixts. with cholesteryl ester transfer protein inhibitors; combinations of ileal bile acid transport inhibitors and cholesteryl ester transfer protein inhibitors for cardiovascular indications)
 RN 197373-42-5 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

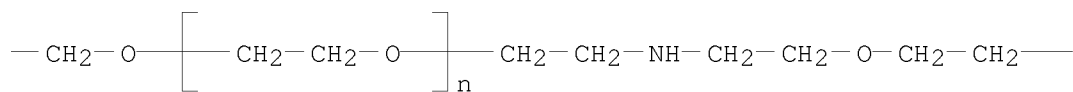


RN 280105-79-5 CAPLUS
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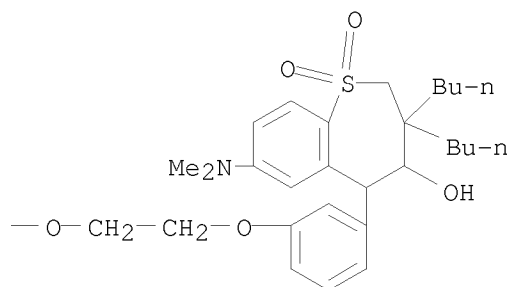
PAGE 1-A



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PAGE 1-C



OS.CITING REF COUNT:	7	THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 38 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:456922 CAPLUS

DOCUMENT NUMBER: 133:94515

TITLE: Combinations for cardiovascular indications

INVENTOR(S): Keller, Bradley T.; Reitz, David B.; Schuh, Joseph R.;
Sikorski, James A.; Tremont, Samuel J.; Lappe, Rodney
W.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 248 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000038725	A1	20000706	WO 1999-US27946	19991217
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
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PRIORITY APPLN. INFO.:

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WO 1999-US27946	W	19991217
US 2002-200585	A3	20020723

AB The present invention provides combinations of cardiovascular therapeutic compds. for the prophylaxis or treatment of cardiovascular disease including hypercholesterolemia and atherosclerosis. Combinations disclosed include an ileal bile acid transport inhibitor combined with a cholesteryl ester transport protein (CETP) inhibitor, a fibric acid derivative, a nicotinic acid derivative, a microsomal triglyceride transfer protein inhibitor, a cholesterol absorption antagonist, a phytosterol, a stanol, an antihypertensive agent, or others. Further combinations include a CETP inhibitor with a fibric acid derivative, a nicotinic acid derivative, a bile acid sequestrant, a microsomal triglyceride transfer

protein inhibitor, a cholesterol absorption antagonist, or others.

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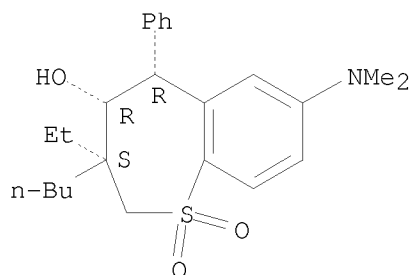
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(combinations for cardiovascular agents for treatment of cardiovascular indications)

RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

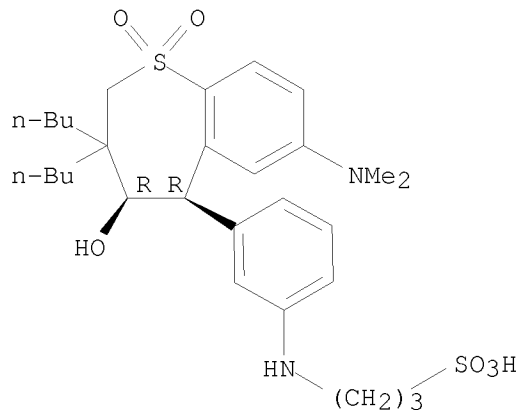


RN 197373-37-8 CAPLUS

CN 1-Propanesulfonic acid, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

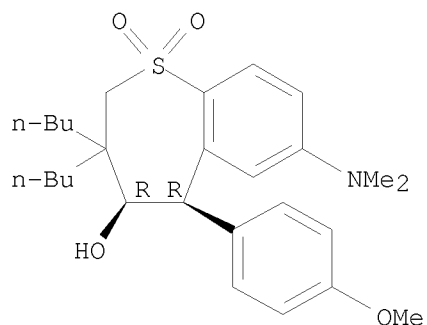
10/590,458



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

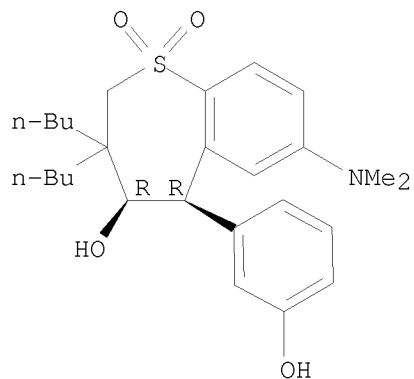
Relative stereochemistry.



RN 197373-57-2 CAPLUS

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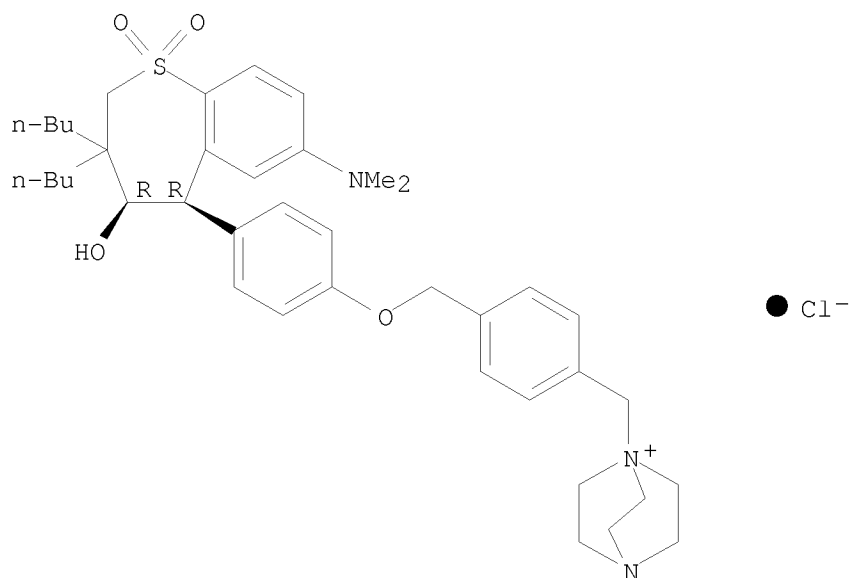
Relative stereochemistry.



10/590,458

RN 280105-80-8 CAPLUS
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hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



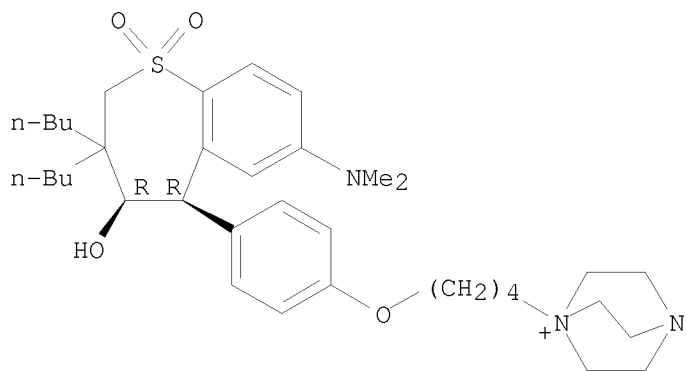
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hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, rel-,
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CM 1

CRN 280105-81-9
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Relative stereochemistry.

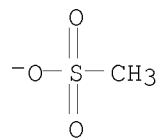
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CRN 16053-58-0

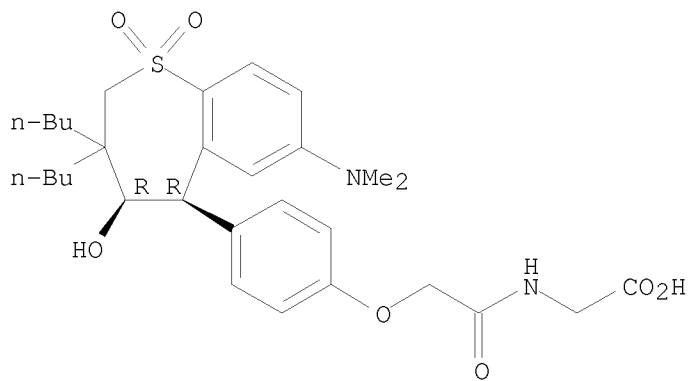
CMF C H3 O3 S



RN 280105-83-1 CAPLUS

CN Glycine, N-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]acetyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

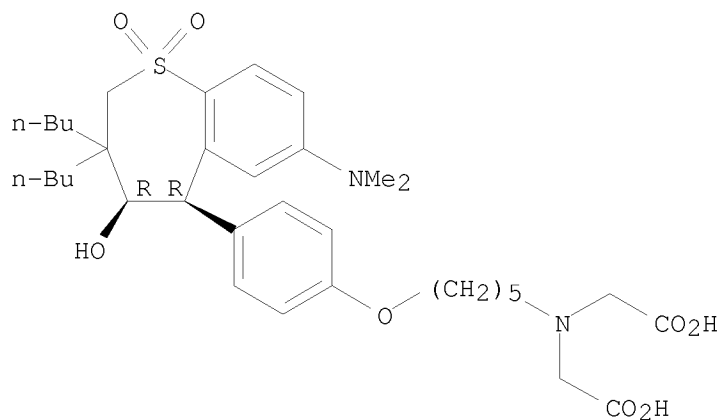


RN 280105-84-2 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)

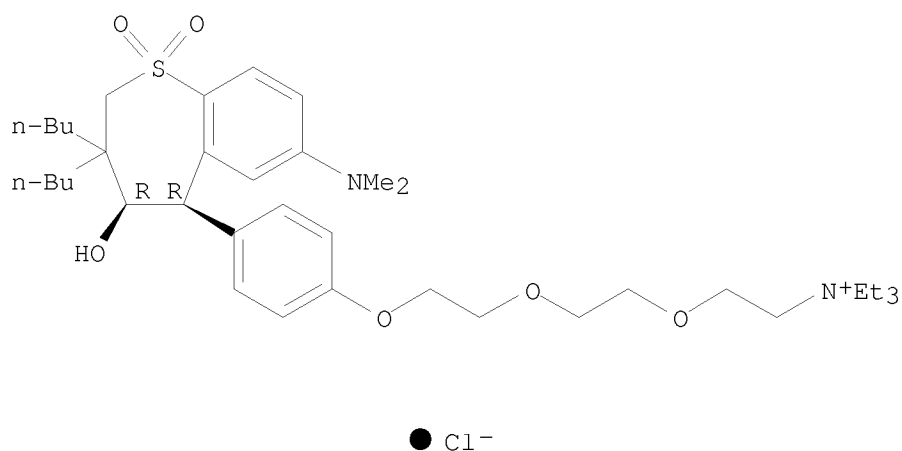
10/590,458

Relative stereochemistry.



RN 280105-85-3 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

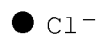
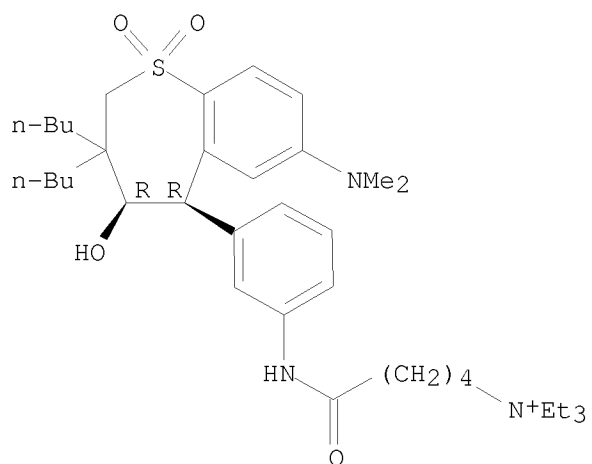
Relative stereochemistry.



RN 280105-86-4 CAPLUS
CN 1-Pentanaminium, 5-[[3-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

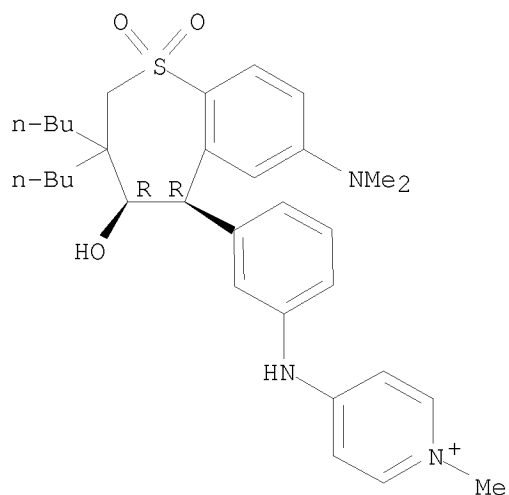


RN 280105-88-6 CAPLUS
CN Pyridinium, 4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-methyl-, rel-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 280105-87-5
CMF C32 H44 N3 O3 S

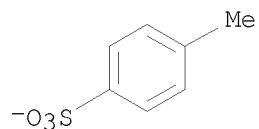
Relative stereochemistry.



CM 2

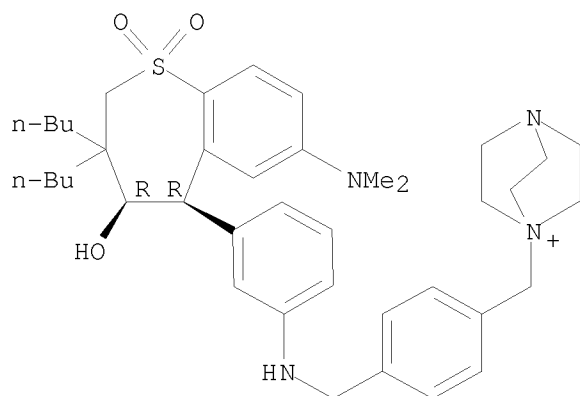
10/590,458

CRN 16722-51-3
CMF C7 H7 O3 S

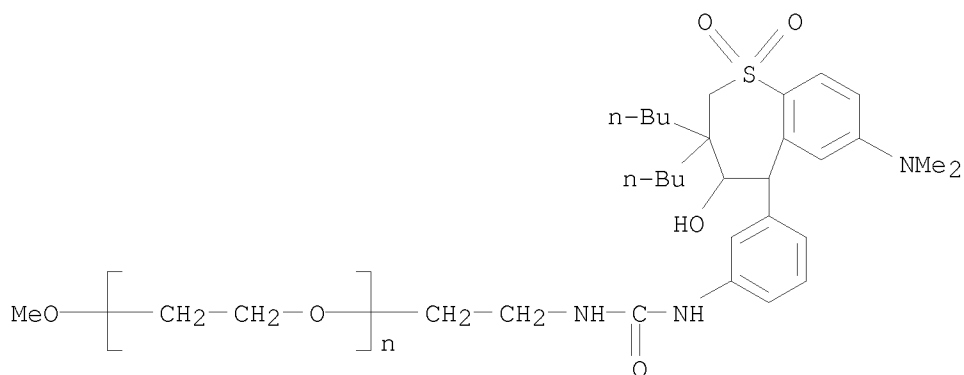


RN 280105-89-7 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]phenyl]methyl]-
, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



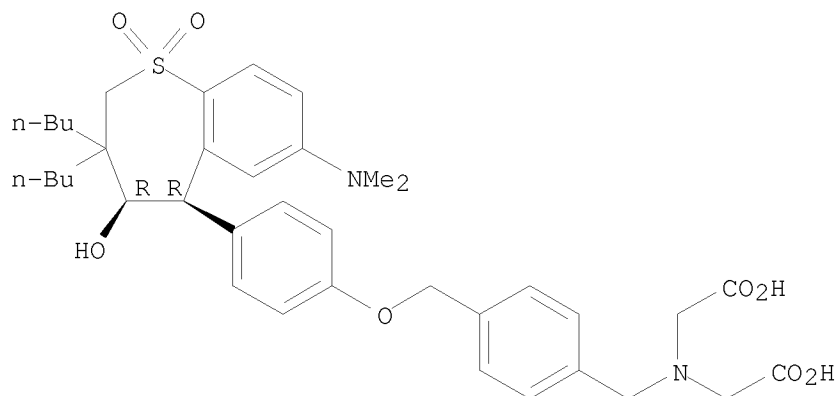
RN 280105-90-0 CAPLUS
CN Poly(oxy-1,2-ethanediyl), α-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenyl]amino]carbonyl]amino]ethyl]-ω-methoxy-, rel- (9CI) (CA
INDEX NAME)



RN 280105-91-1 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

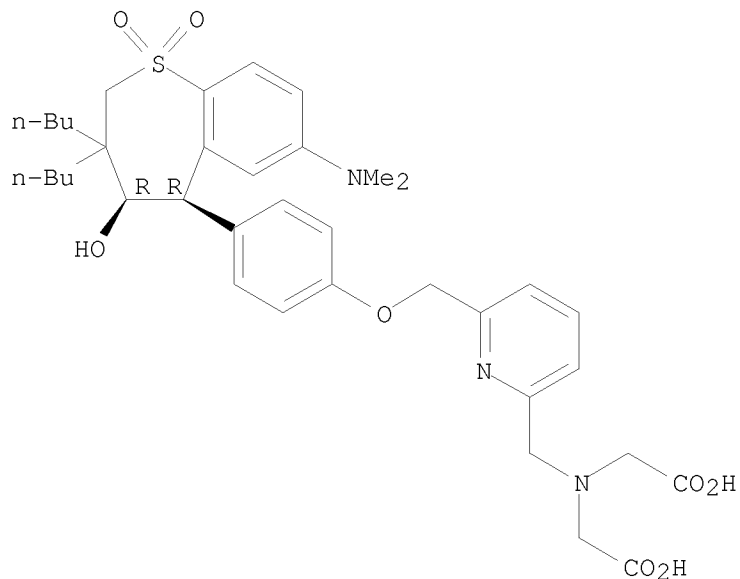


RN 280105-92-2 CAPLUS

CN Glycine, N-(carboxymethyl)-N-[[6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-2-pyridinyl]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

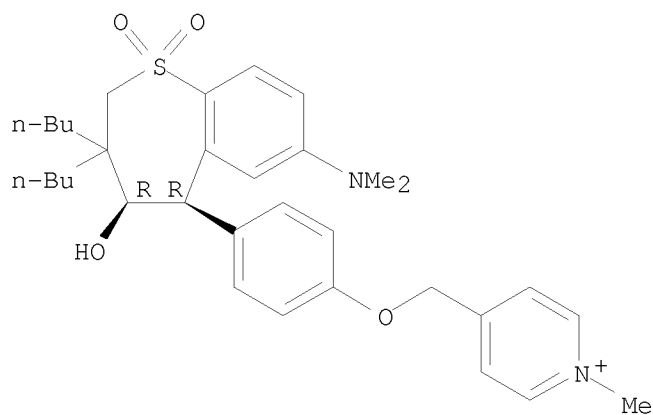


RN 280105-94-4 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 280105-93-3
CMF C33 H45 N2 O4 S

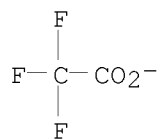
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

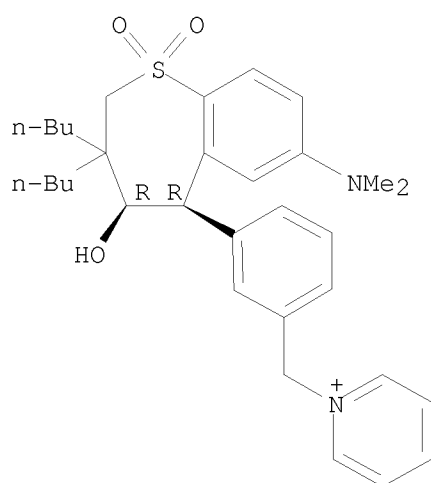
10/590,458



RN 280105-95-5 CAPLUS

CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

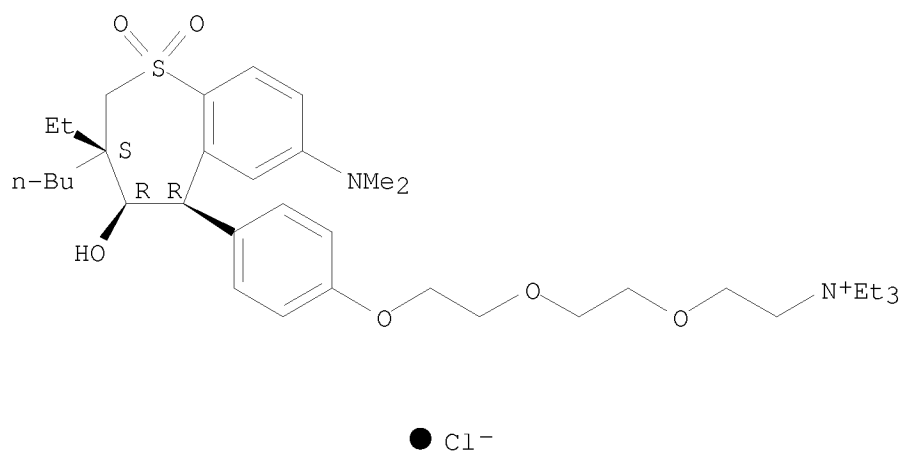


RN 280105-96-6 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

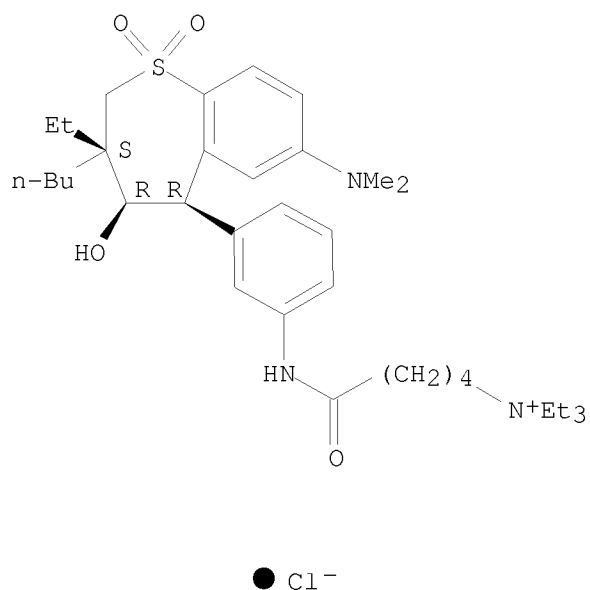
Relative stereochemistry.

10/590,458



RN 280105-97-7 CAPLUS
CN 1-Pentanaminium, 5-[[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, chloride (1:1), rel- (CA INDEX NAME)

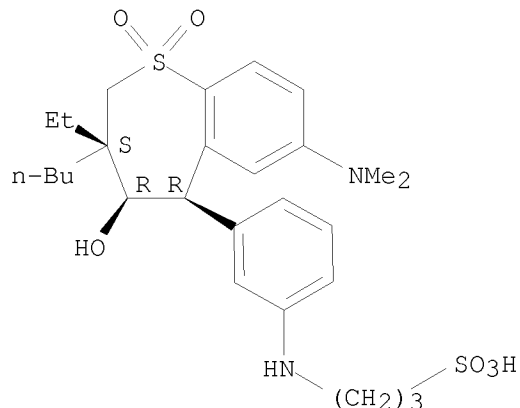
Relative stereochemistry.



RN 280105-98-8 CAPLUS
CN 1-Propanesulfonic acid, 3-[[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

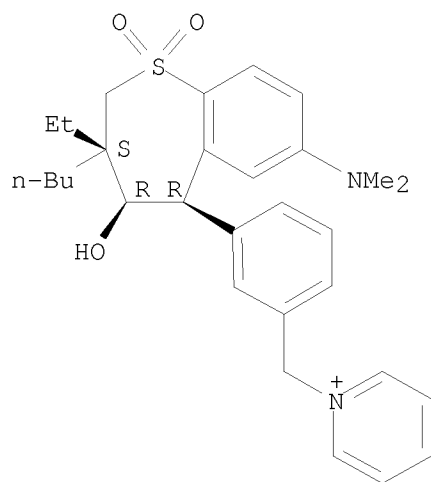
10/590,458



RN 280105-99-9 CAPLUS

CN Pyridinium, 1-[[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

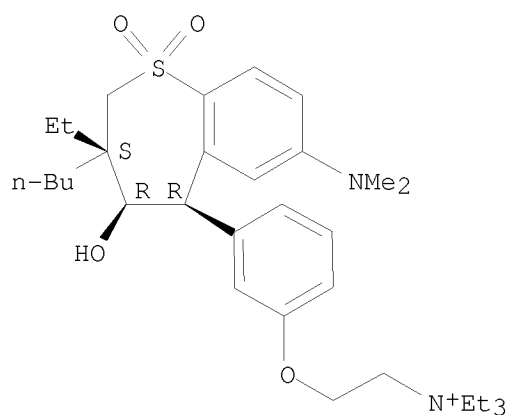


● Cl⁻

RN 280106-00-5 CAPLUS

CN Ethanaminium, 2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

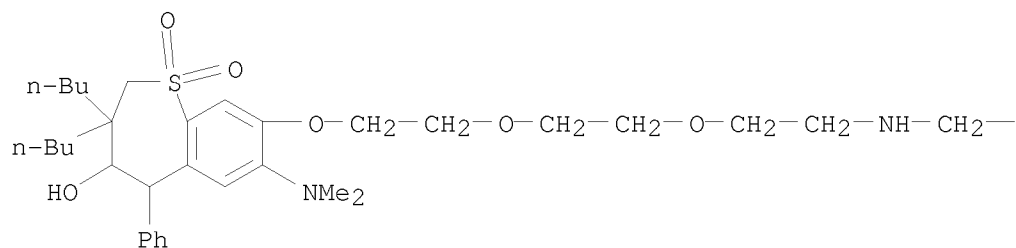
Relative stereochemistry.



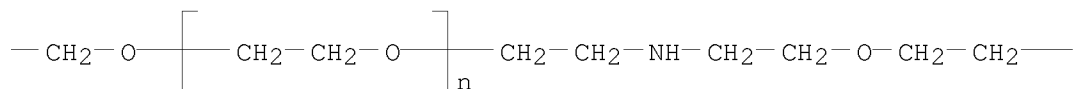
● Cl⁻

RN 280106-02-7 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -[2-[[2-[2-[2-[[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]ethyl]amino]ethyl]- ω -[2-[[2-[2-[2-[[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]ethyl]amino]ethoxy]-, rel- (9CI) (CA INDEX NAME)

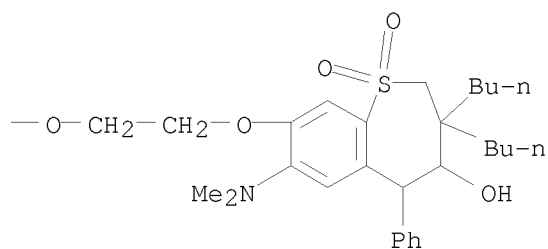
PAGE 1-A



PAGE 1-B



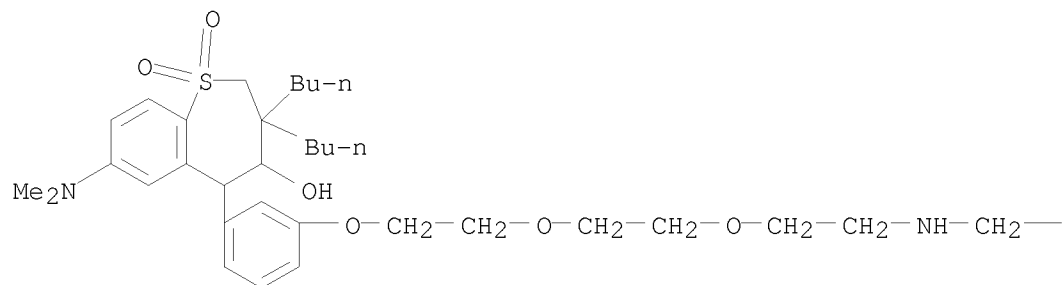
PAGE 1-C



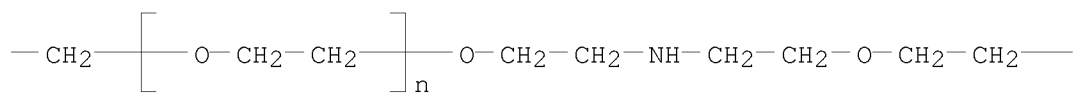
RN 280106-03-8 CAPLUS

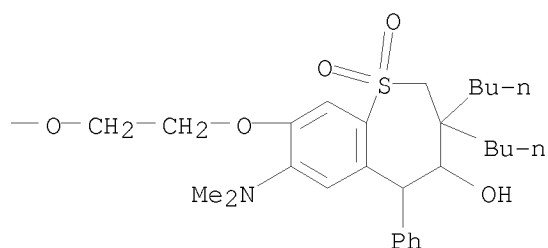
CN Poly(oxy-1,2-ethanediyl), α -[2-[[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]amino]ethyl]- ω -[2-[[2-[2-[2-[[[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]ethyl]amino]ethoxy]-, rel-(9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

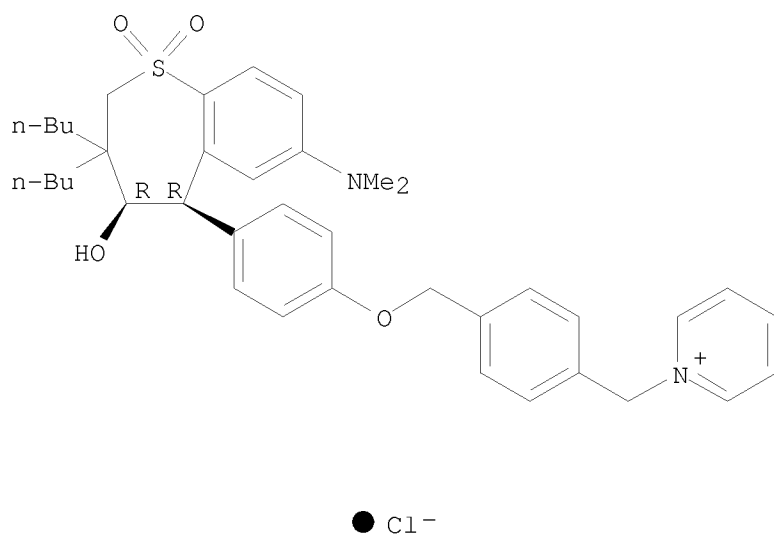




RN 280106-04-9 CAPLUS

CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

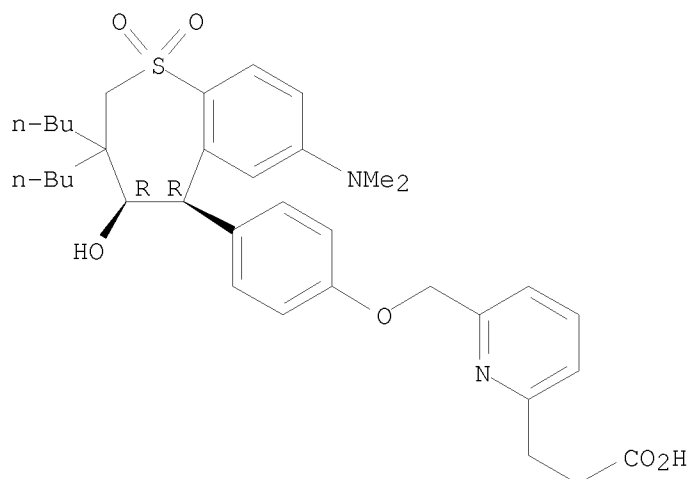


RN 280106-05-0 CAPLUS

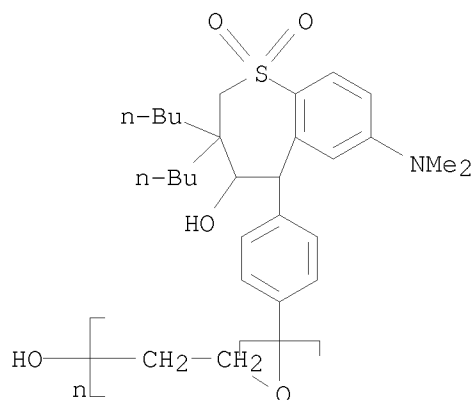
CN 2-Pyridinepropanoic acid, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458



RN 280106-06-1 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -hydroxy-, rel- (9CI) (CA INDEX NAME)



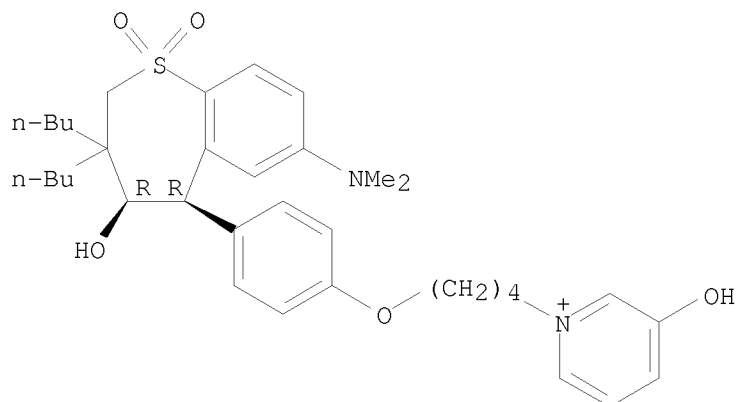
RN 280106-08-3 CAPLUS
 CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-3-hydroxy-, rel-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 280106-07-2
 CMF C35 H49 N2 O5 S

Relative stereochemistry.

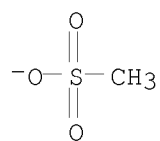
10/590,458



CM 2

CRN 16053-58-0

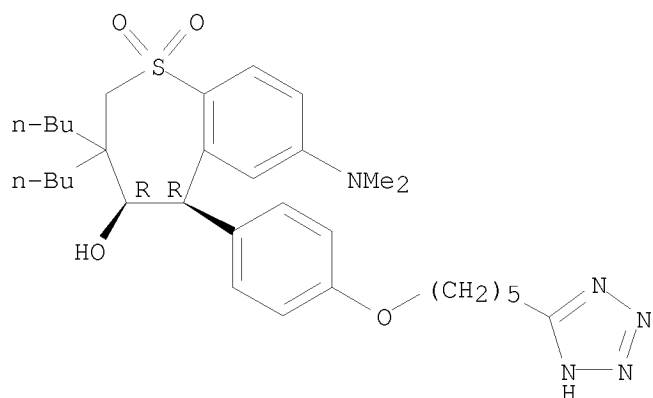
CMF C H3 O3 S



RN 280106-09-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[[5-(2H-tetrazol-5-yl)pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA
INDEX NAME)

Relative stereochemistry.



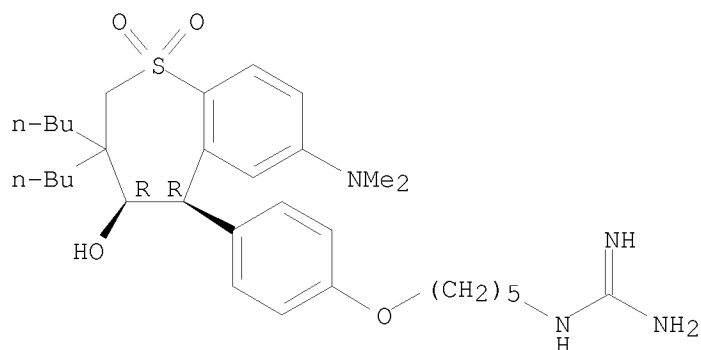
RN 280106-10-7 CAPLUS

CN Guanidine, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-,

10/590,458

rel- (CA INDEX NAME)

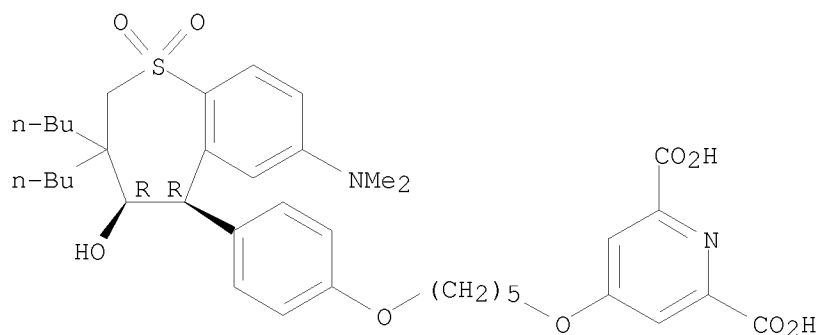
Relative stereochemistry.



RN 280106-11-8 CAPLUS

CN 2,6-Pyridinedicarboxylic acid, 4-[[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]oxy]-, rel- (CA INDEX NAME)

Relative stereochemistry.

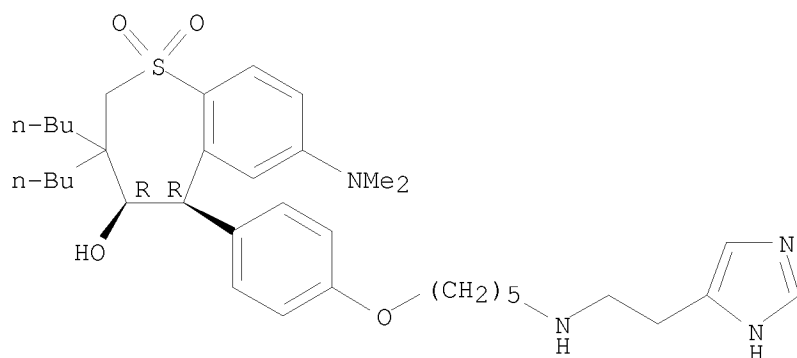


RN 280106-12-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[[5-[[2-(1H-imidazol-5-yl)ethyl]amino]pentyl]oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

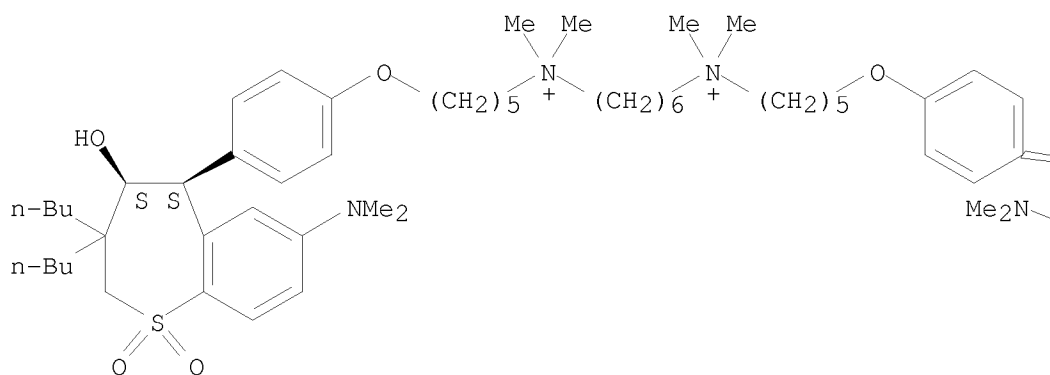
10/590,458



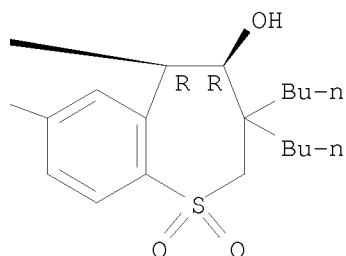
RN 280106-13-0 CAPLUS
 CN 1,6-Hexanediaminium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl-, chloride (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



● 2 Cl⁻



OS.CITING REF COUNT:	19	THERE ARE 19 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 39 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2000:229073 CAPLUS
 DOCUMENT NUMBER: 133:4591
 TITLE: A highly enantioselective benzothiepine synthesis
 AUTHOR(S): Wang, Ching-Cheng; Li, James J.; Huang, Horng-Chih;
 Lee, Len F.; Reitz, David B.
 CORPORATE SOURCE: Medicinal Chemistry Searle Research Development,
 Monsanto Company, St. Louis, MO, 63017, USA
 SOURCE: Journal of Organic Chemistry (2000), 65(9), 2711-2715
 CODEN: JOCEAH; ISSN: 0022-3263
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 133:4591
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

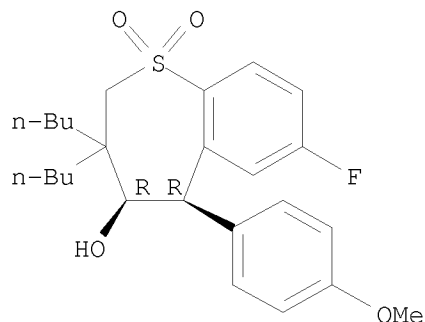
AB A highly enantioselective synthesis of benzothiepine I has been accomplished via an enantioenriched sulfoxide intermediate II (R = CH₂OH) obtained by asym. oxidation with a chiral oxaziridine in 89:11 er. The key step is a thermodynamically controlled asym. cyclization reaction of methoxybenzylphenyl- β -sulfinyl aldehyde II (R = CHO) that produces two new stereogenic centers. The (4R,5R) isomer I was obtained in 98:2 er. Treatment of racemic benzothiazepine III (R₁ = H; R₂ = HO) and its epimer III (R₁ = HO; R₂ = H) to the cyclization conditions (KOCMe₃, -10° in THF) gives a 77:23 mixture of stereoisomers favoring III (R₁ = H; R₂ = HO), indicating that the stereoselective formation of III occurs by a thermodyn. process whose diastereoselectivity is controlled by the sulfoxide configuration.

IT 228113-63-1P 228113-64-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (enantioselective synthesis of a benzothiepine intermediate in the preparation of an apical sodium bile acid transporter inhibitor by stereoselective cyclization of a nonracemic benzylphenylsulfinyl aldehyde derivative)

RN 228113-63-1 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

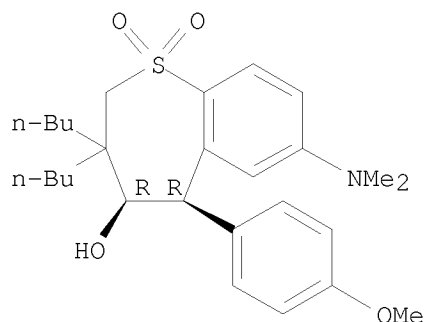
10/590,458



RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



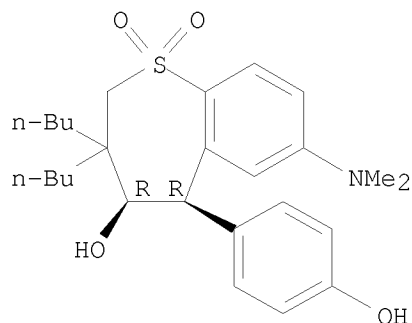
IT 228113-65-3P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and crystal structure of a benzothiazepinol dioxide derivative)

RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 24

THERE ARE 24 CAPLUS RECORDS THAT CITE THIS
RECORD (24 CITINGS)

10/590,458

REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 40 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1999:795803 CAPLUS
 DOCUMENT NUMBER: 132:35625
 TITLE: Amino acid containing benzo[b]thiepine 1,1-dioxide
 derivatives as hypolipemic agents
 INVENTOR(S): Frick, Wendelin; Enhsen, Alfons; Glombik, Heiner;
 Heuer, Hubert
 PATENT ASSIGNEE(S): Hoechst Marion Roussel Deutschland G.m.b.H., Germany
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9964410	A1	19991216	WO 1999-EP3701	19990528
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19825804	A1	19991216	DE 1998-19825804	19980610
DE 19825804	C2	20000824		
CA 2334775	A1	19991216	CA 1999-2334775	19990528
CA 2334775	C	20091013		
AU 9945019	A	19991230	AU 1999-45019	19990528
AU 753275	B2	20021010		
EP 1086092	A1	20010328	EP 1999-927784	19990528
EP 1086092	B1	20021113		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
BR 9912188	A	20010410	BR 1999-12188	19990528
TR 200003634	T2	20010621	TR 2000-3634	19990528
HU 2001002256	A2	20011228	HU 2001-2256	19990528
HU 2001002256	A3	20020429		
JP 2002517491	T	20020618	JP 2000-553419	19990528
AT 227715	T	20021115	AT 1999-927784	19990528
ES 2182535	T3	20030301	ES 1999-927784	19990528
RU 2215001	C2	20031027	RU 2001-101491	19990528
CN 1127497	C	20031112	CN 1999-807171	19990528
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PL 196074	B1	20071231	PL 1999-344827	19990528
TR 200003632	T2	20010420	TR 2000-3632	19990529
CN 1152039	C	20040602	CN 1999-807172	19990529
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CZ 297925	B6	20070502	CZ 2000-4591	19990529
AU 761249	B2	20030529	AU 2000-53394	20000816
ZA 2000007060	A	20010718	ZA 2000-7060	20001130
ZA 2000007061	A	20010718	ZA 2000-7061	20001130
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US 6387944	B1	20020514	US 2000-719047	20001207
MX 2000012208	A	20010910	MX 2000-12208	20001208
US 20020045583	A1	20020418	US 2001-773772	20010202

US 6441022	B2	20020827		
HK 1036799	A1	20040402	HK 2001-107735	20011106
AU 2003201377	A1	20030612	AU 2003-201377	20030318
PRIORITY APPLN. INFO.:			DE 1998-19825804	A 19980610
			AU 1997-23266	A3 19970311
			WO 1999-EP3701	W 19990528
			US 1999-398315	A1 19990920
			AU 2000-53394	A3 20000816
OTHER SOURCE(S):	MARPAT 132:35625			
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. such as I (mixture of diastereoisomers) were prepared as hypolipemic agents. Thus, I was prepared in 2 sequences from racemic II and Fmoc-D-lys(Boc)-OH, followed by removal of the Fmoc group with Et₂NH. I was ≥20 times more active than 3 analogous comparison substances in tests of fecal separation of ¹⁴C-taurocholic acid in rats.

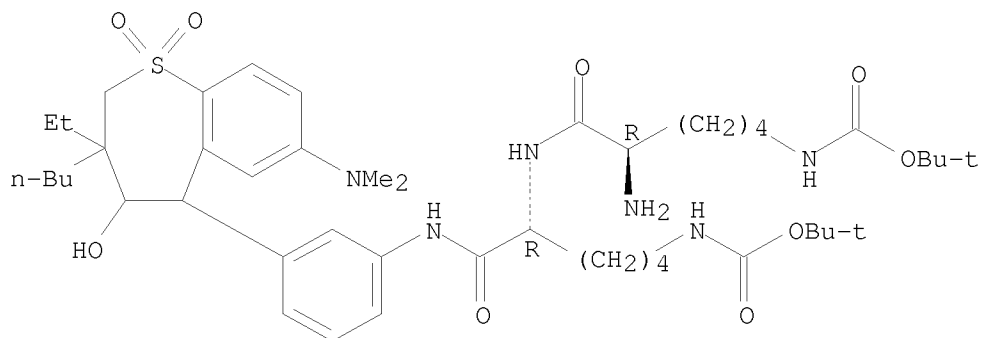
IT 252372-02-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(amino acid containing benzo[b]thiepine 1,1-dioxide derivs. as hypolipemic agents)

RN 252372-02-4 CAPLUS

CN D-Lysinamide, N6-[(1,1-dimethylethoxy)carbonyl]-D-lysyl-N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N6-[(1,1-dimethylethoxy)carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



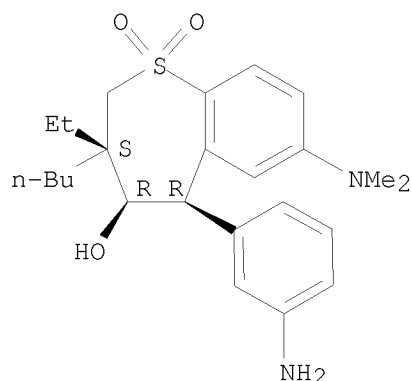
IT 252047-42-0

RL: RCT (Reactant); RACT (Reactant or reagent)
(amino acid containing benzo[b]thiepine 1,1-dioxide derivs. as hypolipemic agents)

RN 252047-42-0 CAPLUS

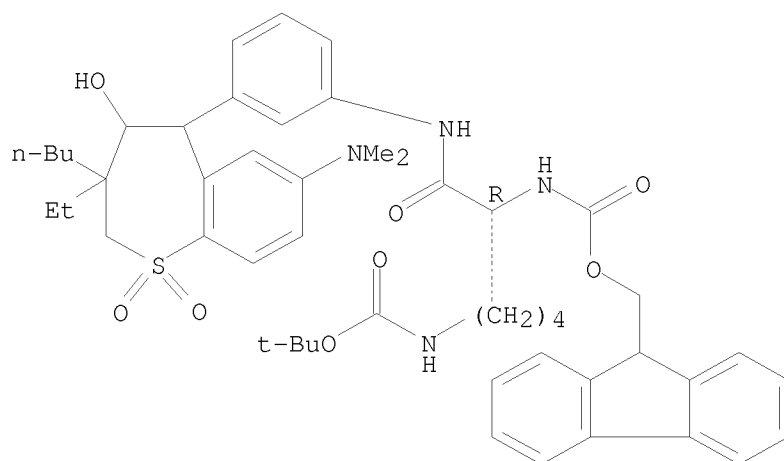
CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 252372-00-2P 252372-01-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (amino acid containing benzo[b]thiepine 1,1-dioxide derivs. as hypolipemic
 agents)
 RN 252372-00-2 CAPLUS
 CN Carbamic acid, [(1R)-1-[[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-
 tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
 yl]phenyl]amino]carbonyl]-5-[[(1,1-dimethylethoxy)carbonyl]amino]pentyl]-,
 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

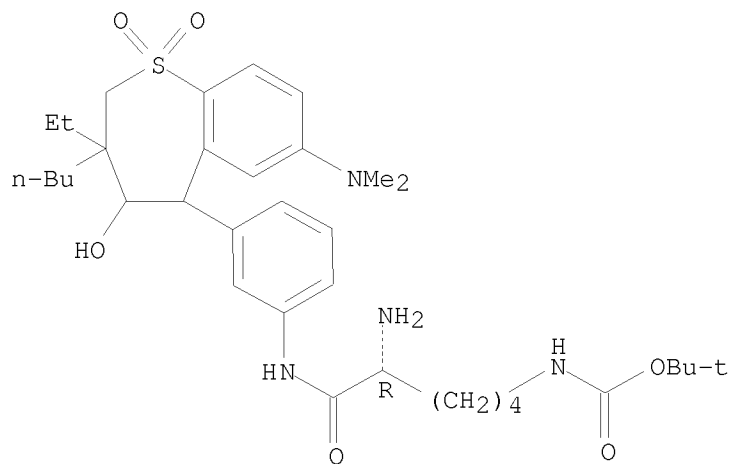
Absolute stereochemistry.



RN 252372-01-3 CAPLUS
 CN Carbamic acid, [(5R)-5-amino-6-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-
 2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-
 6-oxohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/590,458



OS.CITING REF COUNT:	1	THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT:	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 41 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:795802 CAPLUS

DOCUMENT NUMBER: 132:22884

TITLE: Preparation of benzothiepine-1,1-dioxides as
hypolipemicsINVENTOR(S): Frick, Wendelin; Enhsen, Alfons; Glombik, Heiner;
Heuer, Hubert

PATENT ASSIGNEE(S): Hoechst Marion Roussel Deutschland G.m.b.H., Germany

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

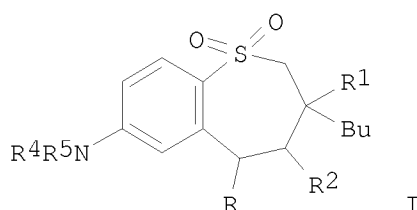
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9964409	A2	19991216	WO 1999-EP3743	19990529
WO 9964409	A3	20000302		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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ES 2182535	T3	20030301	ES 1999-927784	19990528
CN 1127497	C	20031112	CN 1999-807171	19990528
CZ 297989	B6	20070516	CZ 2000-4592	19990528
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CA 2334773	C	20090526		
AU 9945031	A	19991230	AU 1999-45031	19990529
AU 752633	B2	20020926		
EP 1086113	A2	20010328	EP 1999-927802	19990529
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TR 200003632	T2	20010420	TR 2000-3632	19990529
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RU 2220141	C2	20031227	RU 2001-101499	19990529
AT 259372	T	20040215	AT 1999-927802	19990529
CN 1152039	C	20040602	CN 1999-807172	19990529
IL 140078	A	20040831	IL 1999-140078	19990529
ES 2215387	T3	20041001	ES 1999-927802	19990529
BR 9911123	A	20060103	BR 1999-11123	19990529
CZ 297925	B6	20070502	CZ 2000-4591	19990529
PL 196057	B1	20071130	PL 1999-345901	19990529
US 6221897	B1	20010424	US 1999-398315	19990920
AU 761249	B2	20030529	AU 2000-53394	20000816
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IN 2000CN00781	A	20070824	IN 2000-CN781	20001206
NO 2000006251	A	20010207	NO 2000-6251	20001208
NO 327075	B1	20090420		
MX 2000012207	A	20010910	MX 2000-12207	20001208
US 20020045583	A1	20020418	US 2001-773772	20010202
US 6441022	B2	20020827		
HK 1039490	A1	20041210	HK 2001-107746	20011106
US 20030017996	A1	20030123	US 2002-201050	20020724
US 6642269	B2	20031104		
AU 2003201377	A1	20030612	AU 2003-201377	20030318
US 20040087648	A1	20040506	US 2003-606771	20030627
US 7019023	B2	20060328		

PRIORITY APPLN. INFO.:

DE 1998-19825804	A	19980610
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WO 1999-EP3743	W	19990529
US 1999-398315	A1	19990920
AU 2000-53394	A3	20000816
US 2001-773772	A1	20010202
US 2002-201050	A1	20020724

OTHER SOURCE(S): MARPAT 132:22884
GI



AB Title compds. [I; R = C₆H₄NHZR₃; R₁, R₄, R₅ = Me, Et, Pr, Bu; R₂ = H, OH, amino(alkyl); R₃ = sugar residue; Z = bond, carbonyl(alkylene), CONH, etc.] were prepared. Thus, I [R = C₆H₄(NHR')-3, R₁ = Et, R₂ = OH, R₄ = R₅ = Me] (II; R' = H) was amidated by penta-O-acetyl-D-gluconic acid and the product deprotected to give II (R' = gluconoyl) as a mixture of diastereomers. Data for biol. activity of I were given.

IT 252047-36-2P 252047-37-3P 252047-38-4P
252047-39-5P 252047-40-8P 252047-41-9P
252208-66-5P 252208-67-6P 252208-68-7P
252208-69-8P 252208-70-1P 252208-71-2P

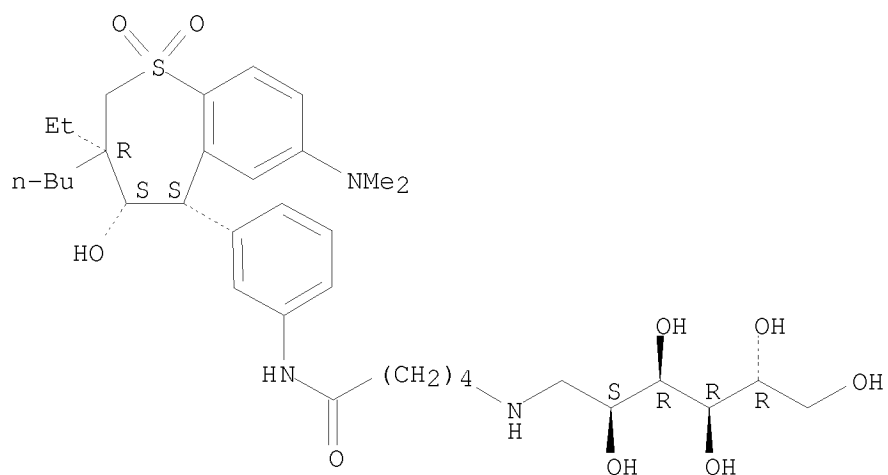
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzothiepine-1,1-dioxides as hypolipemics)

RN 252047-36-2 CAPLUS

CN D-Glucitol, 1-[[5-[[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]amino]-1-deoxy- (CA INDEX NAME)

Absolute stereochemistry.

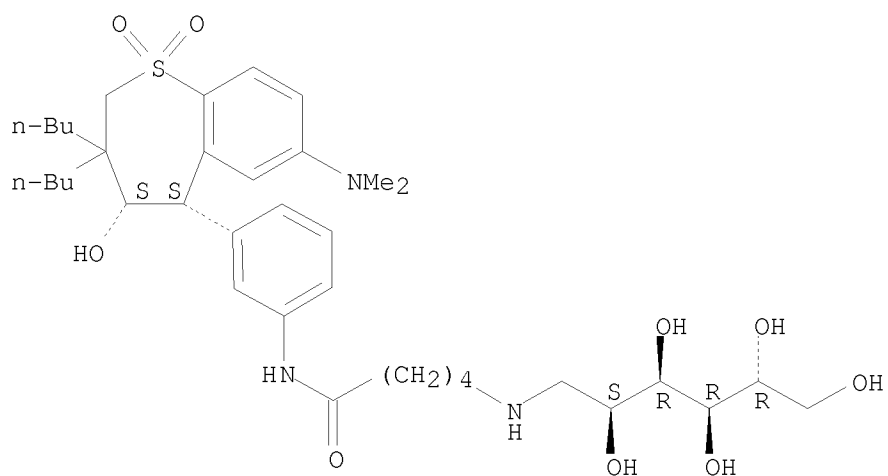
10/590,458



RN 252047-37-3 CAPLUS

CN D-Glucitol, 1-deoxy-1-[[5-[[3-[(4S,5S)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

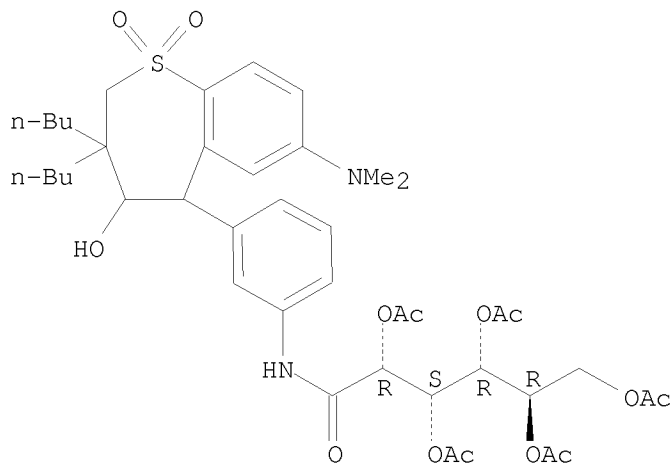


RN 252047-38-4 CAPLUS

CN D-Gluconamide, N-[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, 2,3,4,5,6-pentaacetate (CA INDEX NAME)

Absolute stereochemistry.

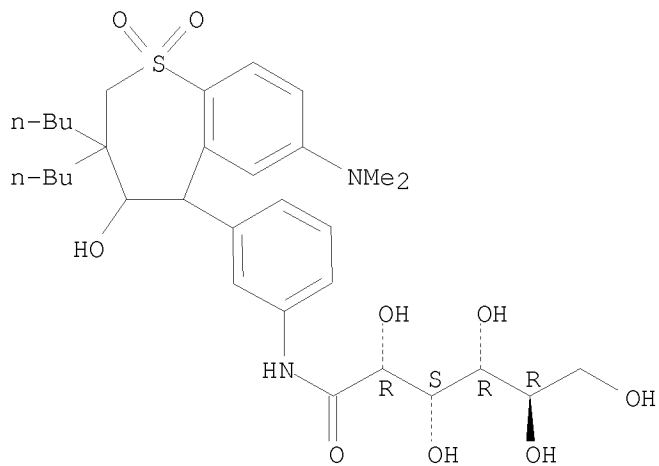
10/590,458



RN 252047-39-5 CAPLUS

CN D-Gluconamide, N-[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- (CA INDEX NAME)

Absolute stereochemistry.

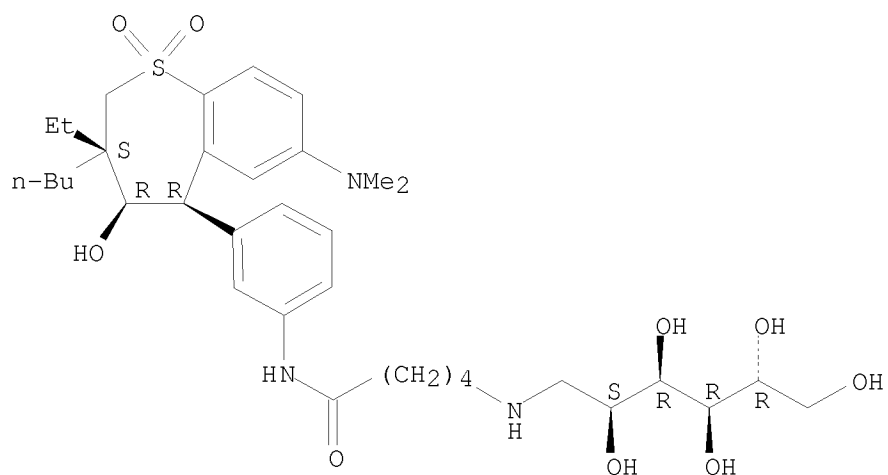


RN 252047-40-8 CAPLUS

CN D-Glucitol, 1-[[5-[[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]amino]-1-deoxy- (CA INDEX NAME)

Absolute stereochemistry.

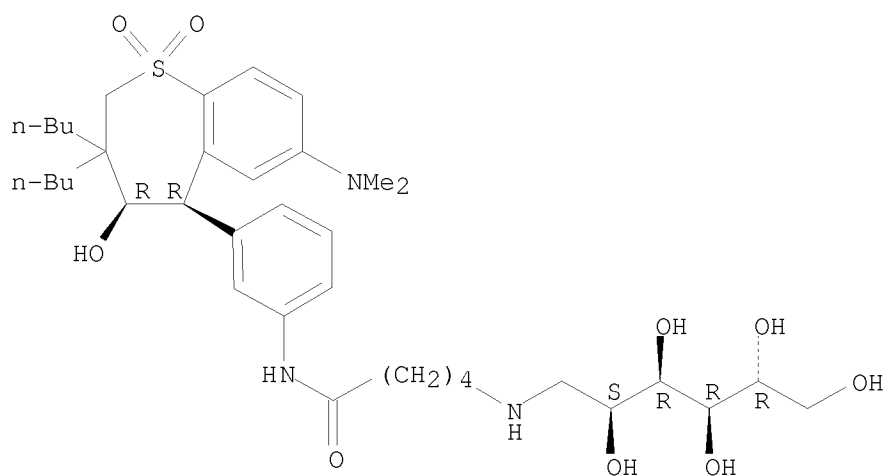
10/590,458



RN 252047-41-9 CAPLUS

CN D-Glucitol, 1-deoxy-1-[[5-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

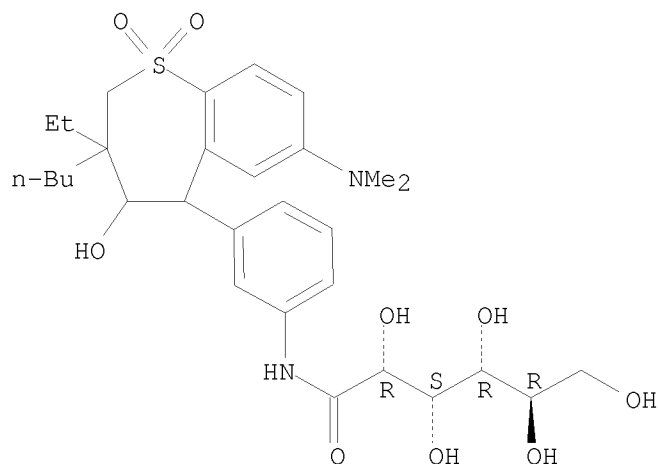


RN 252208-66-5 CAPLUS

CN D-Gluconamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- (CA INDEX NAME)

Absolute stereochemistry.

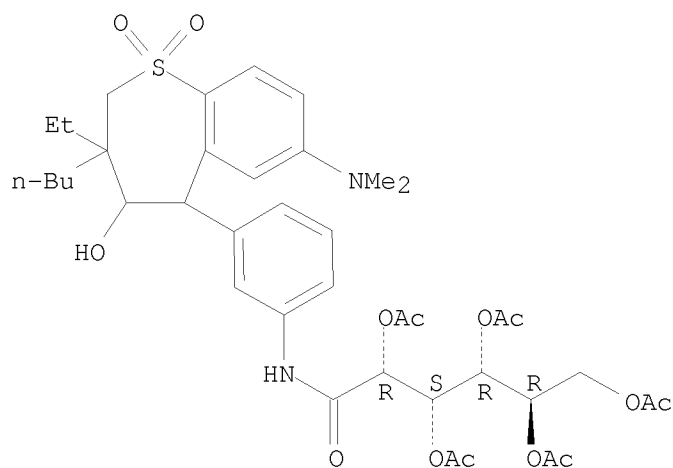
10/590,458



RN 252208-67-6 CAPLUS

CN D-Gluconamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, 2,3,4,5,6-pentaacetate (CA INDEX NAME)

Absolute stereochemistry.

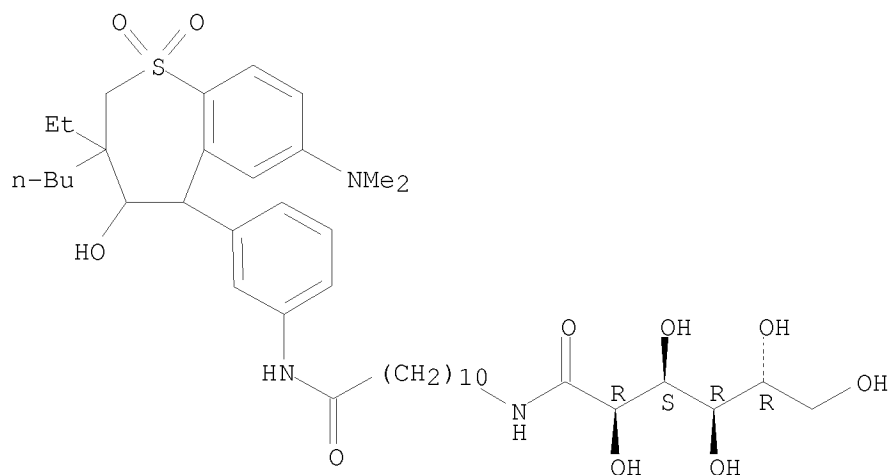


RN 252208-68-7 CAPLUS

CN D-Gluconamide, N-[11-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-11-oxoundecyl]- (CA INDEX NAME)

Absolute stereochemistry.

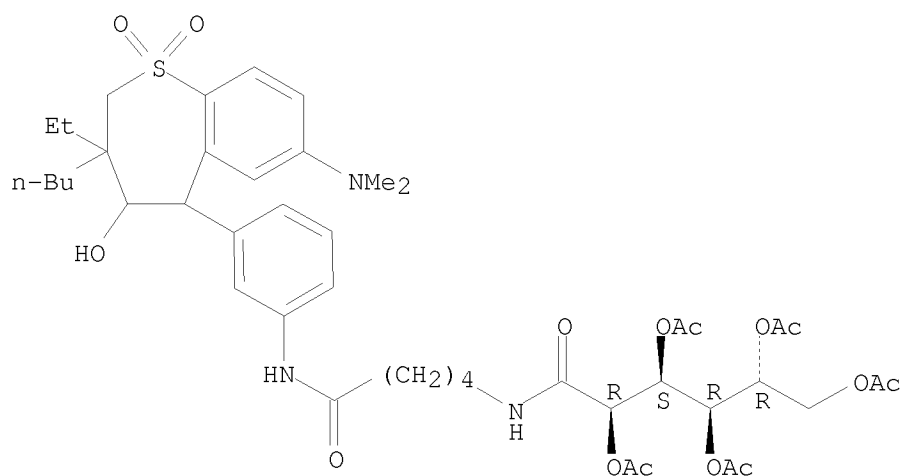
10/590,458



RN 252208-69-8 CAPLUS

CN D-Gluconamide, N-[5-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]-, 2,3,4,5,6-pentaacetate (CA INDEX NAME)

Absolute stereochemistry.

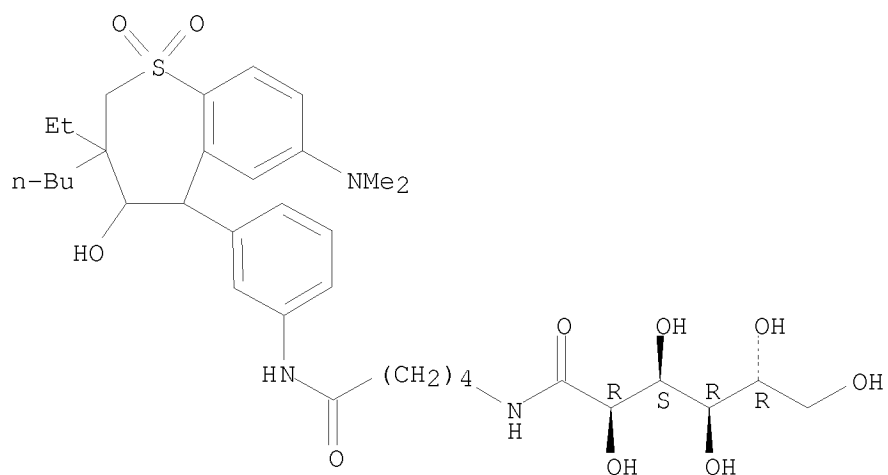


RN 252208-70-1 CAPLUS

CN D-Gluconamide, N-[5-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]- (CA INDEX NAME)

Absolute stereochemistry.

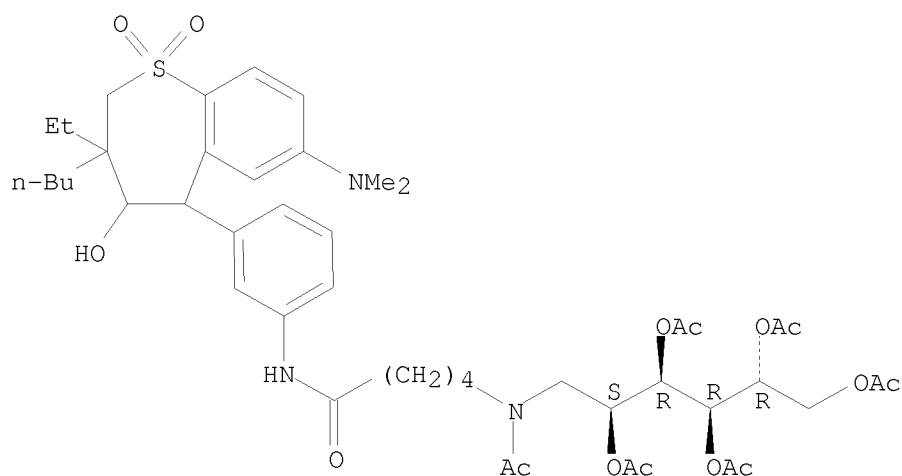
10/590,458



RN 252208-71-2 CAPLUS

CN D-Glucitol, 1-[acetyl[5-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-5-oxopentyl]amino]-1-deoxy-, 2,3,4,5,6-pentaacetate (CA INDEX NAME)

Absolute stereochemistry.



IT 252047-42-0 252047-43-1

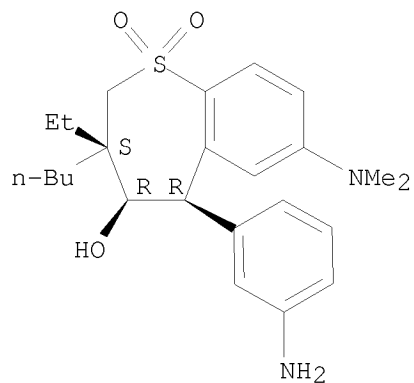
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of benzothiepine-1,1-dioxides as hypolipemics)

RN 252047-42-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

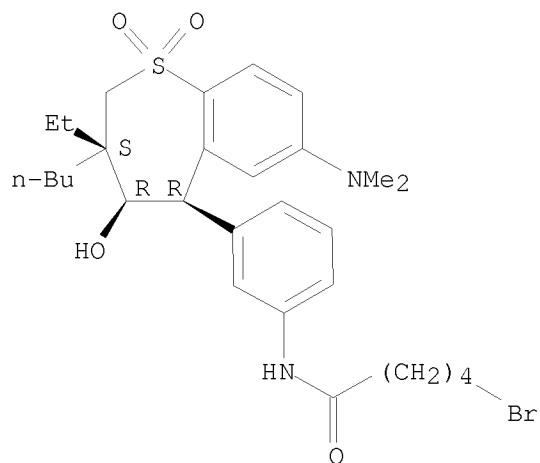
10/590,458



RN 252047-43-1 CAPLUS

CN Pentanamide, 5-bromo-N-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 42 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:421680 CAPLUS

DOCUMENT NUMBER: 131:58769

TITLE: Preparation of enantiomerically-enriched
tetrahydrobenzothiepine oxides by cyclization of
arylpropanalsulfoxides.INVENTOR(S): Li, James; Wang, Ching-Cheng; Reitz, David B.;
Snieckus, Victor; Huang, Horng-Chih; Carpenter, Andrew
J.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9932478	A1	19990701	WO 1998-US26216	19981216
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9917213	A	19990712	AU 1999-17213	19981216
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JP 2001526284	T	20011218	JP 2000-525415	19981216
BR 9814300	A	20020205	BR 1998-14300	19981216
AT 234829	T	20030415	AT 1998-962044	19981216
CN 1106395	C	20030423	CN 1998-813609	19981216
EP 1331225	A1	20030730	EP 2003-5459	19981216
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RU 2236406	C2	20040920	RU 2000-119611	19981216
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AU 761249	B2	20030529	AU 2000-53394	20000816
US 6369220	B1	20020409	US 2000-581897	20001002
HK 1034971	A1	20040109	HK 2001-105743	20010815
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CN 1439638	A	20030903	CN 2003-107046	20030228
AU 2003201377	A1	20030612	AU 2003-201377	20030318
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AU 2000-53394

A3 20000816

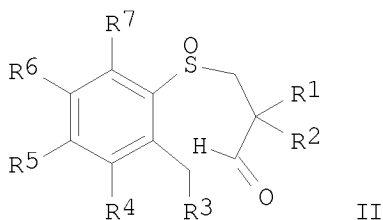
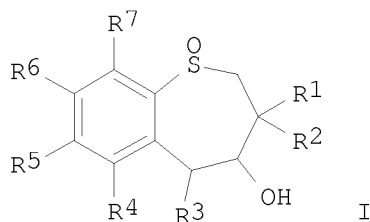
US 2000-581897

A3 20001002

OTHER SOURCE(S):

CASREACT 131:58769; MARPAT 131:58769

GI



AB Title compds. [I; R1, R2 = H, alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl; R3 = H, (substituted) alkyl, alkenyl, alkynyl, aryl, cycloalkyl, heterocyclyl, etc.; R4-R7 = H, alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, halo, alkoxy, aryloxy, NO₂, amino; R3 and the OH are syn], were prepared by cyclization of enantiomerically-enriched aldehydes (II; R1-R7 as above). Thus, enantiomerically-enriched II (R1, R2 = Bu; R4, R6, R7 = H; R5 = F; R3 = 4-MeOC₆H₄) (preparation given) was stirred with KOCMe₃ in THF at -15° to give 77.7% (4R,5R)-I (variables as before).

IT 228113-65-3P

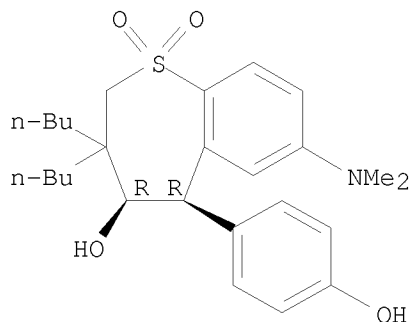
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of enantiomerically-enriched tetrahydrobenzothiepine oxides by cyclization of arylpropanalsulfoxides)

RN 228113-65-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT 228113-63-1P 228113-64-2P 228113-66-4P

228113-67-5P

RL: SPN (Synthetic preparation); PREP (Preparation)

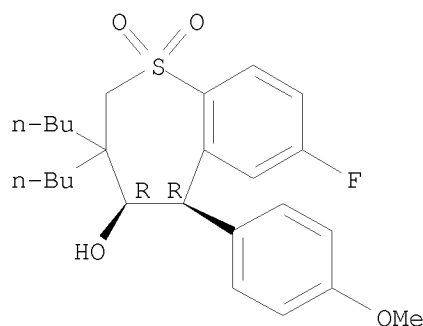
(preparation of enantiomerically-enriched tetrahydrobenzothiepine oxides by cyclization of arylpropanalsulfoxides)

10/590,458

RN 228113-63-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

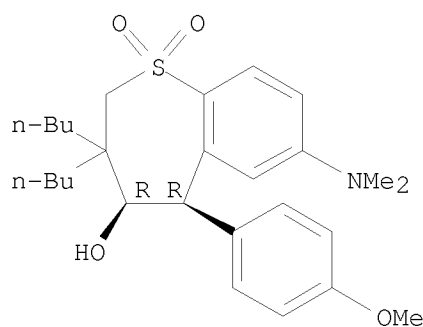
Absolute stereochemistry.



RN 228113-64-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

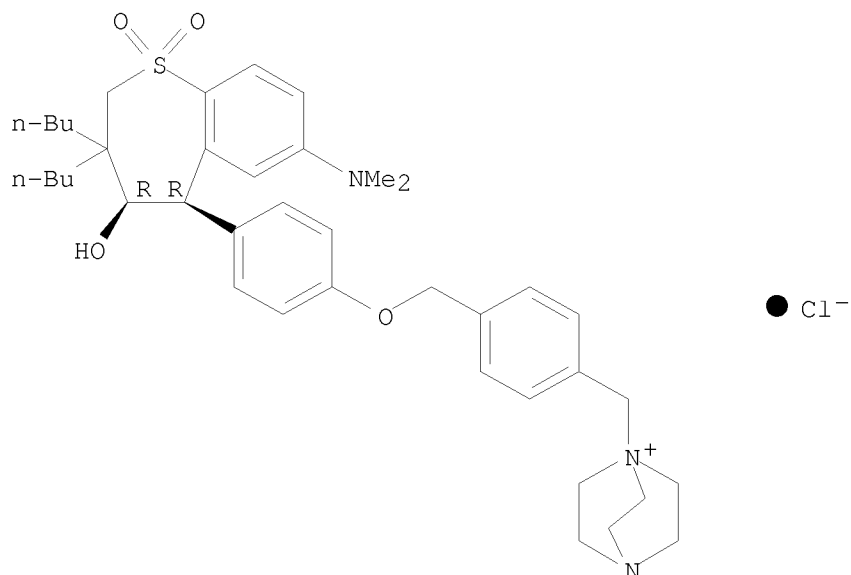


RN 228113-66-4 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, chloride (1:1) (CA INDEX NAME)

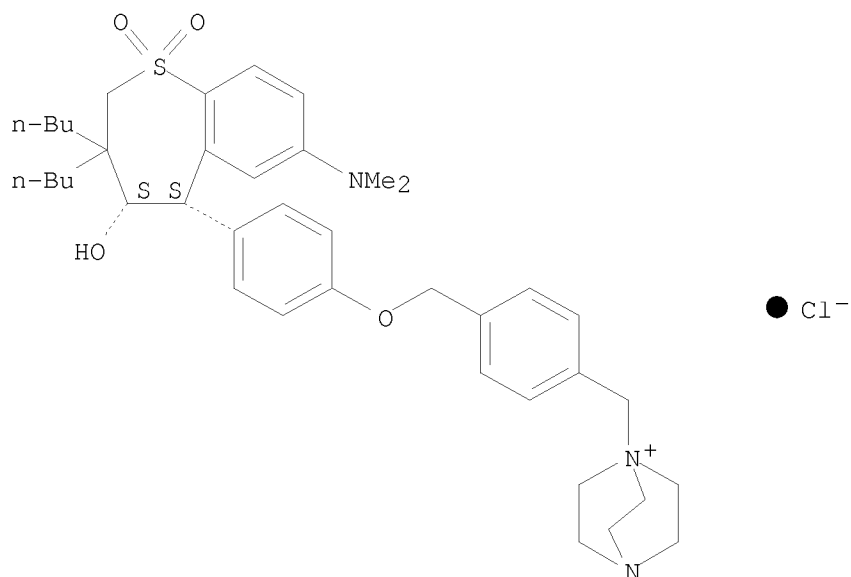
Absolute stereochemistry.

10/590,458



RN 228113-67-5 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[(4S,5S)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy)methyl]phenyl]methyl]-,
chloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 43 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

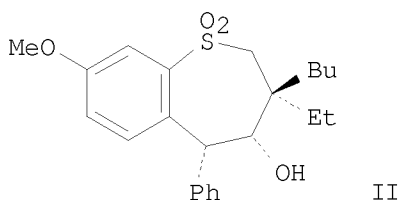
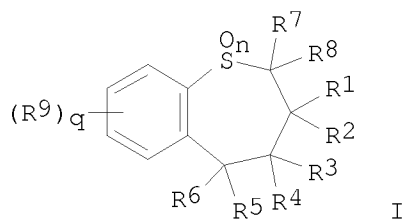
ACCESSION NUMBER: 1998:621210 CAPLUS
 DOCUMENT NUMBER: 129:260353
 ORIGINAL REFERENCE NO.: 129:53061a,53064a
 TITLE: Preparation of ileal bile acid transport inhibiting
 benzothiepinines for combination therapy with HMG Co-A
 reductase inhibitors.
 INVENTOR(S): Reitz, David B.; Lee, Len F.; Li, Jinglin J.; Huang,
 Horng-Chih; Tremont, Samuel J.; Miller, Raymond E.;
 Banerjee, Shyamal C.; Manning, Robert E.; Glenn, Kevin
 C.; Keller, Bradley T.
 PATENT ASSIGNEE(S): G.D. Searle and Co., USA; et al.
 SOURCE: PCT Int. Appl., 477 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9840375	A2	19980917	WO 1998-US3792	19980310
WO 9840375	A3	19981203		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
CA 2283575	A1	19980917	CA 1998-2283575	19980310
AU 9864408	A	19980929	AU 1998-64408	19980310
AU 730024	B2	20010222		
EP 971744	A2	20000119	EP 1998-910075	19980310
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NZ 337830	A	20010727	NZ 1998-337830	19980310
BR 9808013	A	20010925	BR 1998-8013	19980310
JP 2002500628	T	20020108	JP 1998-539594	19980310
RU 2247579	C2	20050310	RU 1999-121514	19980310
NO 9904390	A	19991104	NO 1999-4390	19990910
MX 9908417	A	20050203	MX 1999-8417	19990913
AU 761249	B2	20030529	AU 2000-53394	20000816
US 20030171426	A1	20030911	US 2002-76091	20020215
US 6642268	B2	20031104		
AU 2003201377	A1	20030612	AU 2003-201377	20030318
PRIORITY APPLN. INFO.:			US 1997-40660P	P 19970311
			US 1994-305526	B2 19940913
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			US 1996-13119P	P 19960311
			AU 1997-23266	A3 19970311
			US 1997-816065	B2 19970311
			US 1997-831284	B3 19970331
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AU 2000-53394
US 2000-676466

A3 20000816
A3 20000929

OTHER SOURCE(S): MARPAT 129:260353
GI



AB Title compds. [I; q = 1-4; n = 0-2; R¹, R² = H, (substituted) alkyl, alkenyl, alkynyl, haloalkyl, alkylaryl, alkoxy, dialkylamino, etc.; R¹R²C = cycloalkylidene; R³, R⁴ = H, alkyl, alkenyl, alkynyl, acyloxy, aryl, heterocyclyl, heteroaryl, etc.; R³R⁴ = O, S, NOR¹¹, etc.; R¹¹ = H, alkyl, alkenyl, alkynyl, aryl, aralkyl, etc.; R⁵, R⁶ = H, alkyl, alkenyl, alkynyl, aryl, cycloalkyl, heterocyclyl, etc.; R⁷, R⁸ = H, alkyl; R⁹ = H, alkyl, alkenyl, alkynyl, acyloxy, aryl, aralkyl, halo, etc.], were prepared A composition comprising an ileal bile acid transport inhibitor and an HMG Co-A reductase inhibitor is claimed. Thus, title compound (II) (preparation via 2-mercapto-4-methoxybenzophenone given) at 0.2% as an ileal perfusion in guinea pigs reduced HDL cholesterol from 89 mg% to 76 mg%.

IT	1064152-87-9	1064152-88-0	1064152-89-1
	1064152-92-6	1064152-95-9	1064153-00-9
	1064153-01-0	1064153-02-1	1064153-03-2
	1064153-05-4	1064153-07-6	1064153-10-1
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RL: PRPH (Prophetic)

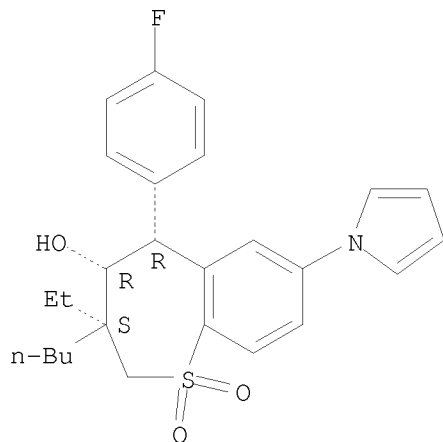
(Preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors.)

RN 1064152-87-9 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrrol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

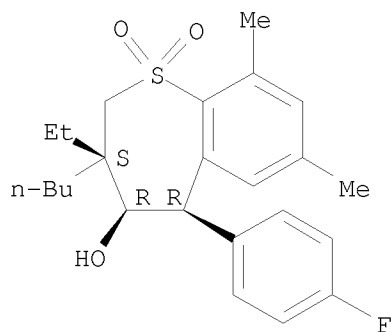
Absolute stereochemistry.



RN 1064152-88-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

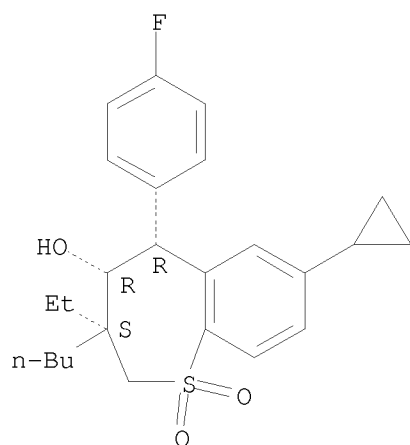


RN 1064152-89-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

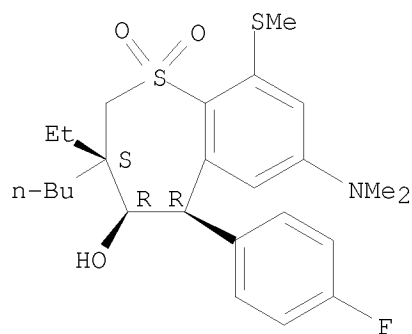
Absolute stereochemistry.

10/590,458



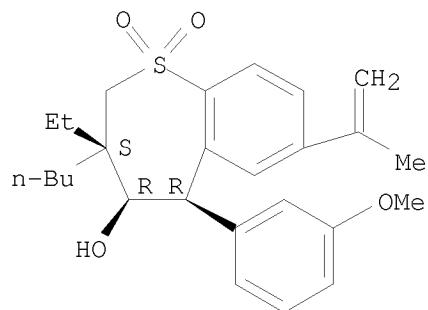
RN 1064152-92-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1064152-95-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

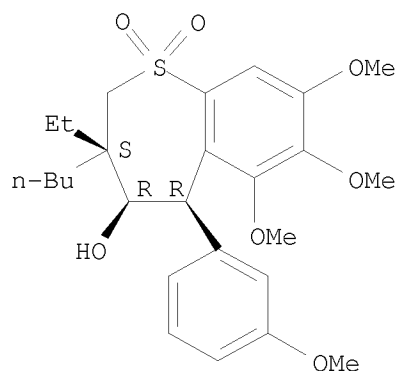


10/590,458

RN 1064153-00-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-6,7,8-trimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

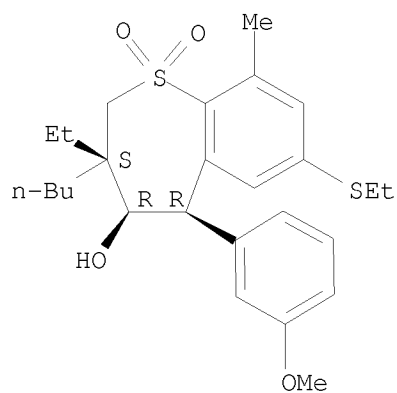
Absolute stereochemistry.



RN 1064153-01-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

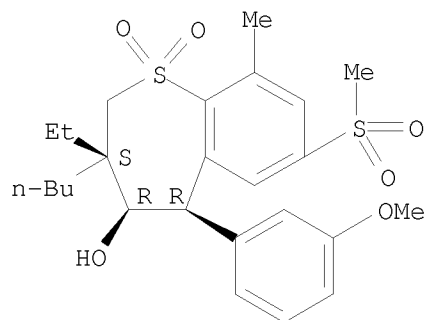


RN 1064153-02-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

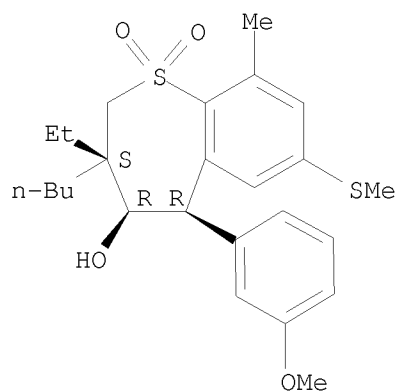
10/590,458



RN 1064153-03-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

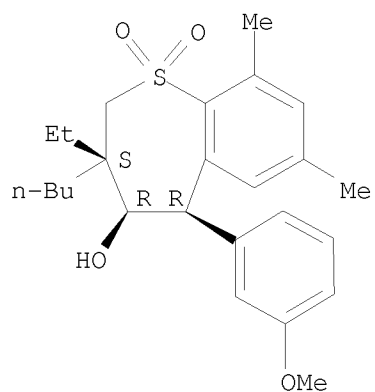


RN 1064153-05-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-dimethyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

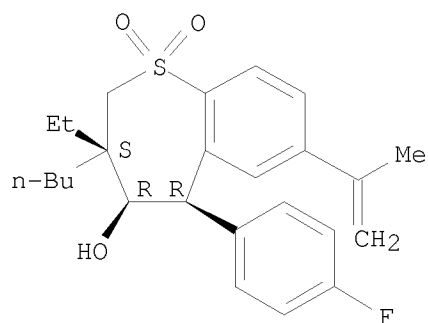
10/590,458



RN 1064153-07-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

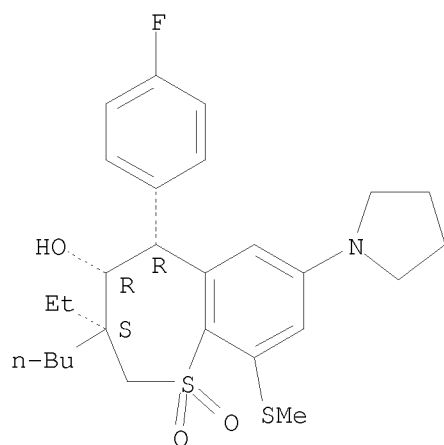


RN 1064153-10-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylthio)-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

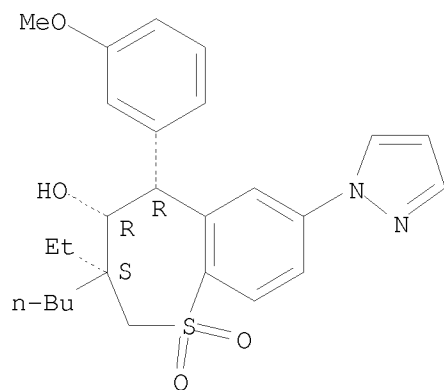
Absolute stereochemistry.

10/590,458



RN 1064153-11-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

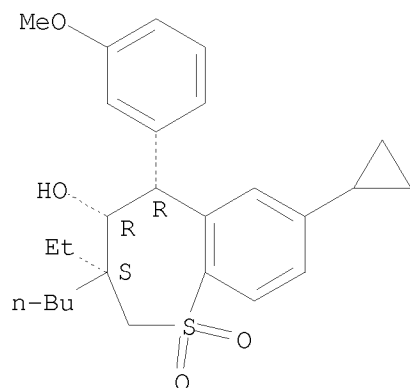
Absolute stereochemistry.



RN 1064153-15-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-cyclopropyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

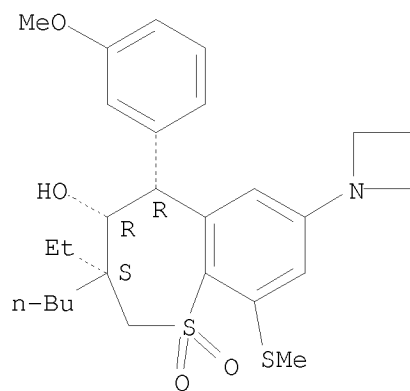
10/590,458



RN 1064153-16-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

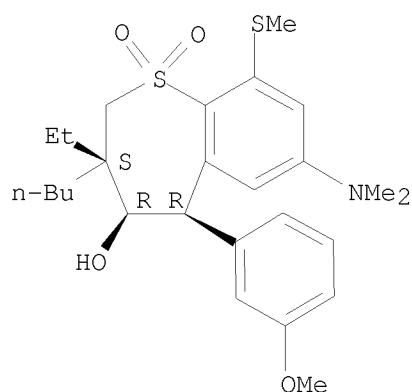


RN 1064153-18-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

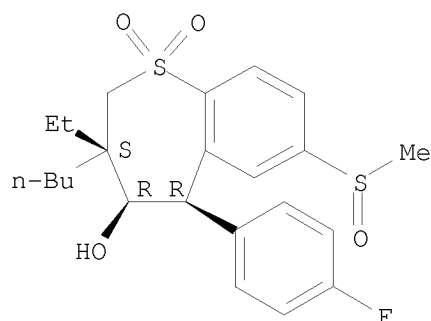
10/590,458



RN 1064153-62-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

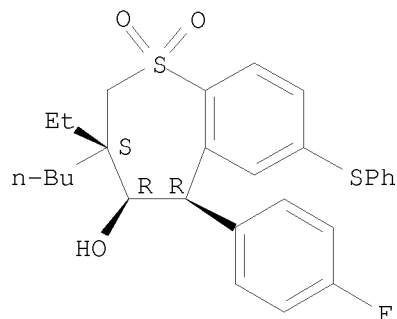
Absolute stereochemistry.



RN 1064153-63-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



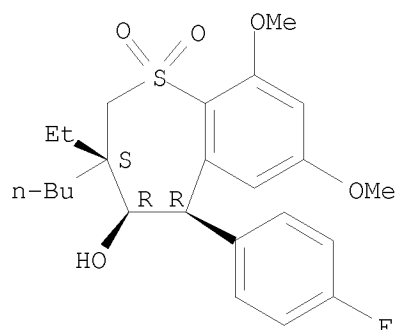
RN 1064153-64-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-

10/590,458

7,9-dimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

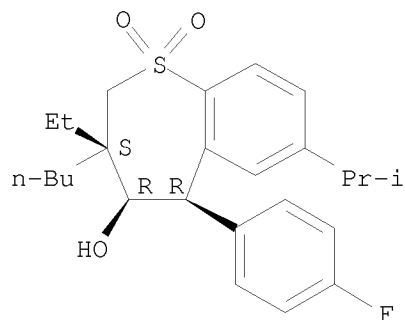
Absolute stereochemistry.



RN 1064153-65-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

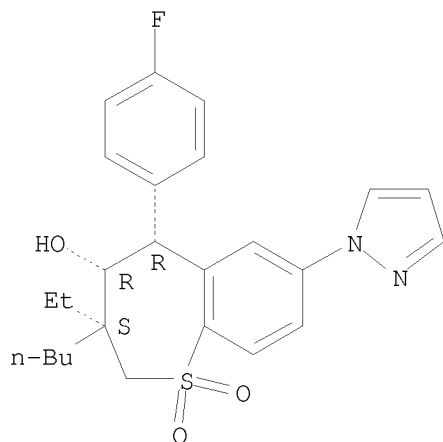


RN 1064153-66-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1H-pyrazol-1-yl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

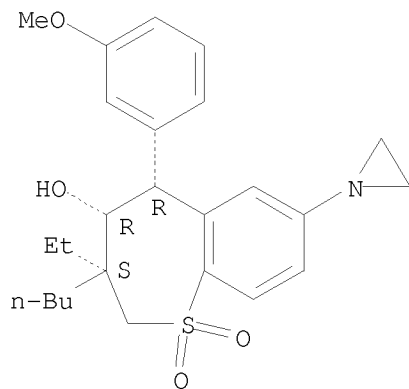
10/590,458



RN 1064153-67-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

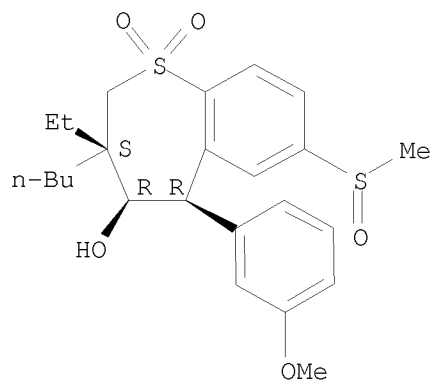


RN 1064153-68-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

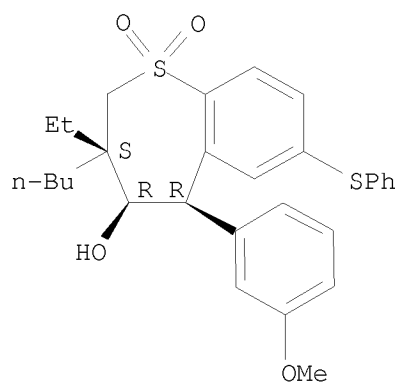
10/590,458



RN 1064153-69-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

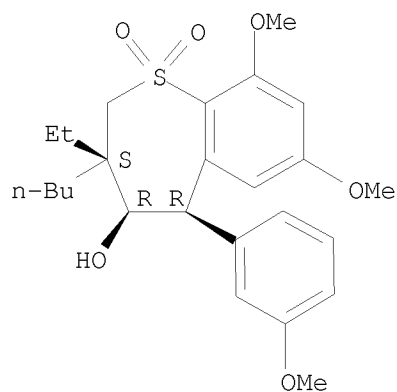


RN 1064153-70-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7,9-dimethoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

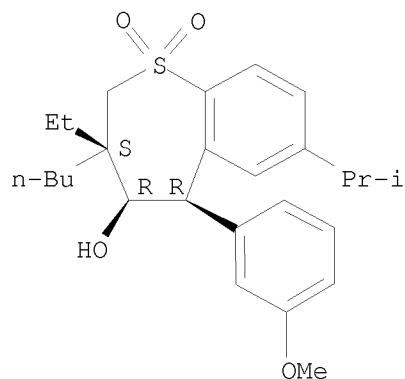
10/590,458



RN 1064153-71-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylethyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

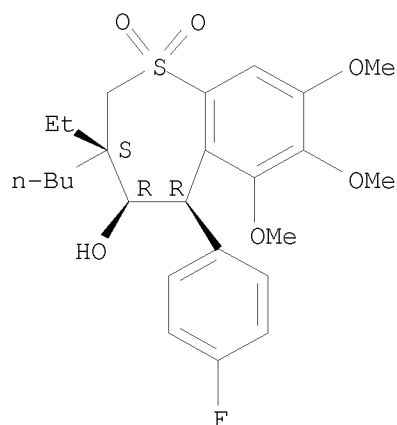


RN 1064153-72-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-6,7,8-trimethoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

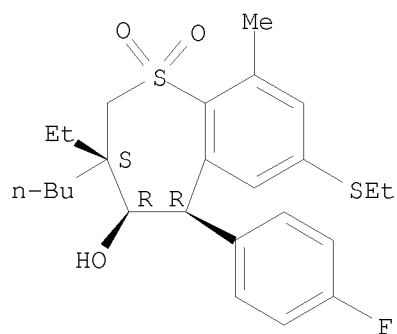
10/590,458



RN 1064153-73-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

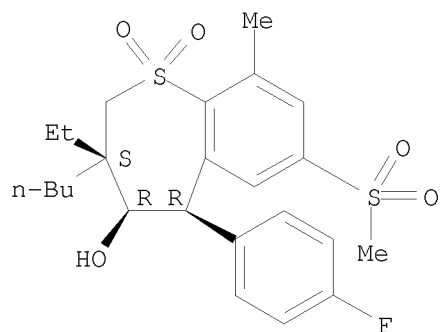
Absolute stereochemistry.



RN 1064153-74-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

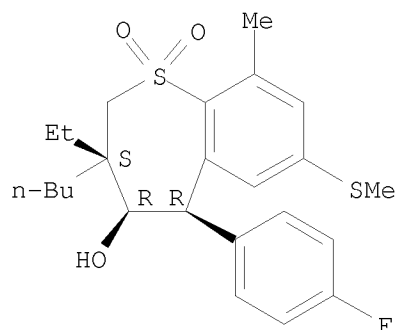


10/590,458

RN 1064153-75-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

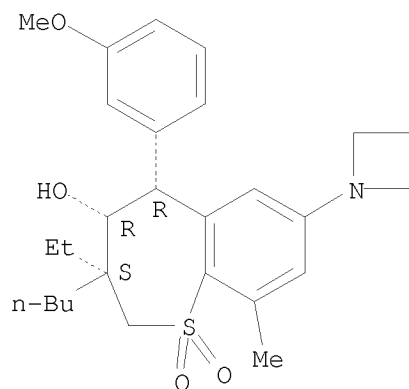
Absolute stereochemistry.



RN 1064153-77-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

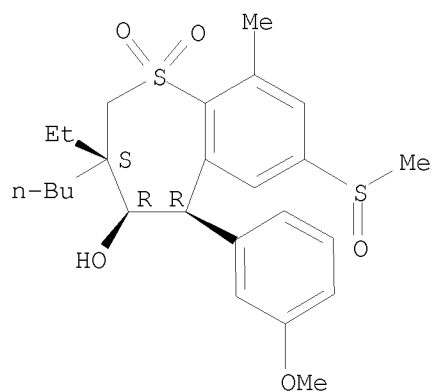


RN 1064153-78-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

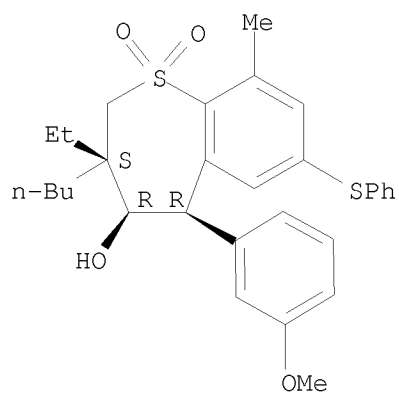
10/590,458



RN 1064153-79-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

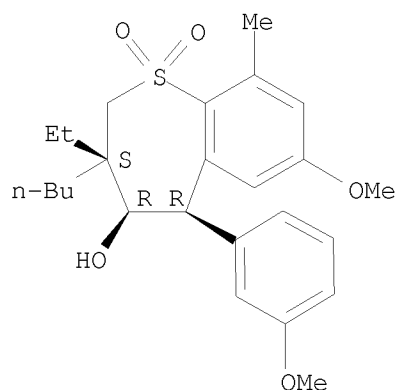


RN 1064153-80-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

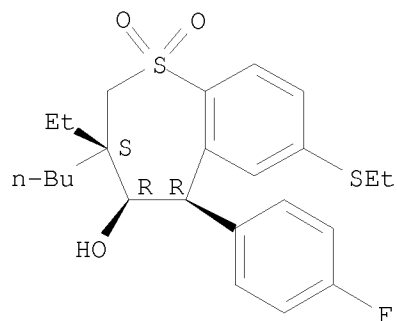
10/590,458



RN 1064154-41-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

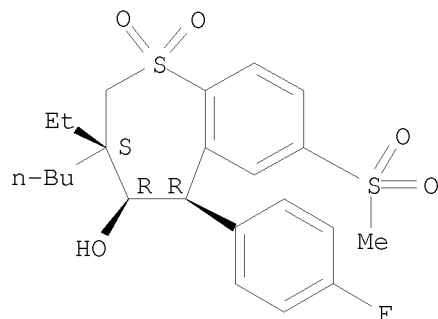
Absolute stereochemistry.



RN 1064154-42-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



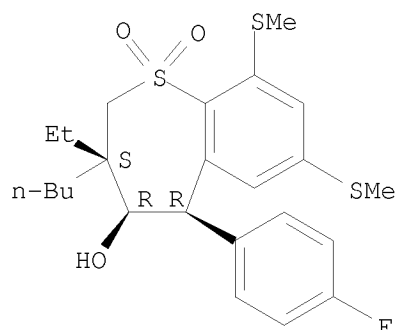
RN 1064154-43-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-

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7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

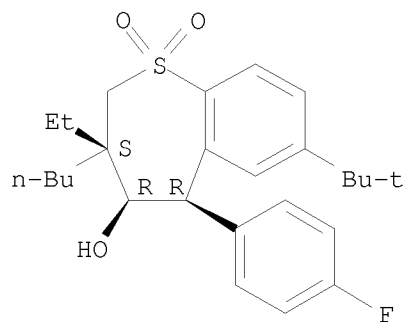
Absolute stereochemistry.



RN 1064154-45-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

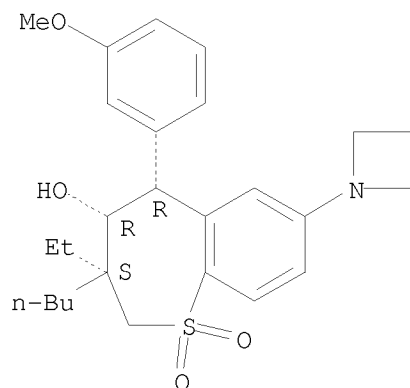


RN 1064154-46-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

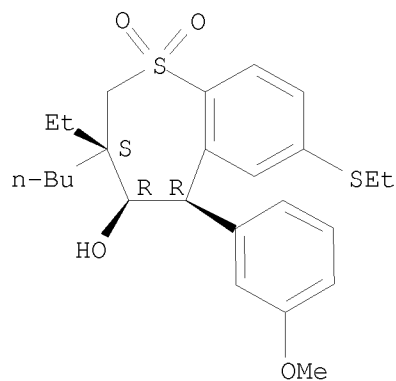
10/590,458



RN 1064154-47-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(ethylthio)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

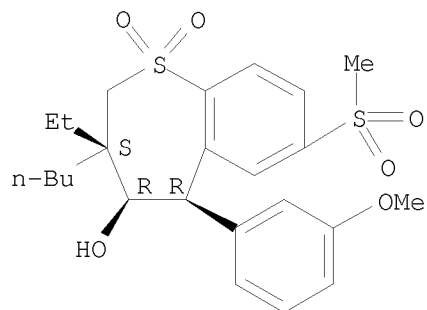
Absolute stereochemistry.



RN 1064154-48-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylsulfonyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

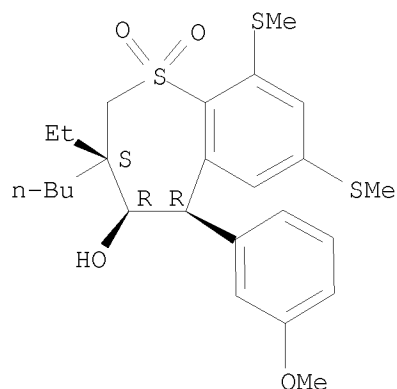


10/590,458

RN 1064154-49-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7,9-bis(methylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

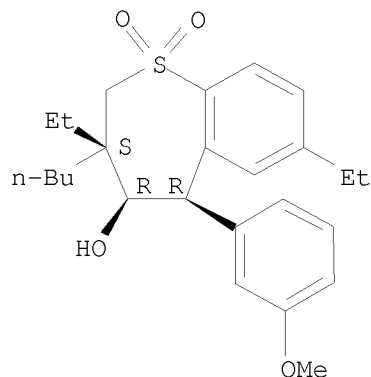
Absolute stereochemistry.



RN 1064154-50-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3,7-diethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

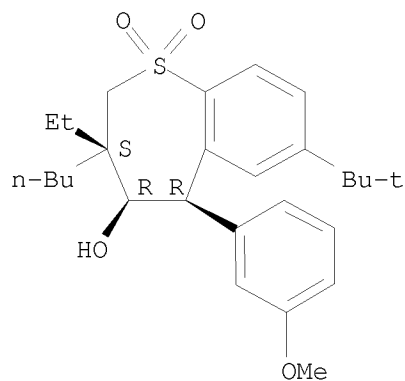


RN 1064154-52-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(1,1-dimethylethyl)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

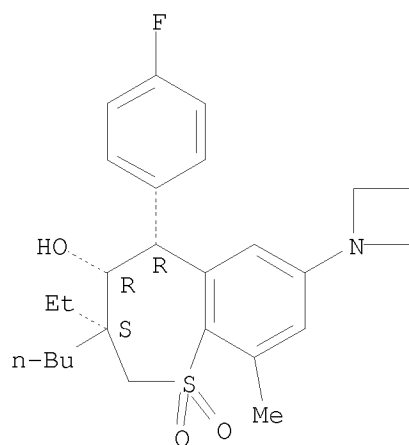
Absolute stereochemistry.

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RN 1064154-53-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

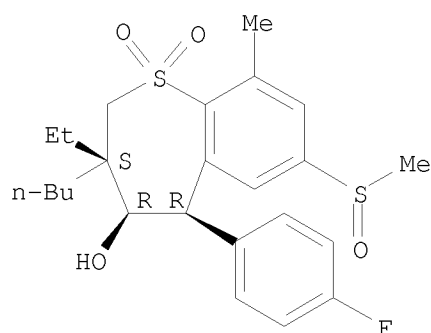
Absolute stereochemistry.



RN 1064154-54-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-
9-methyl-7-(methylsulfinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

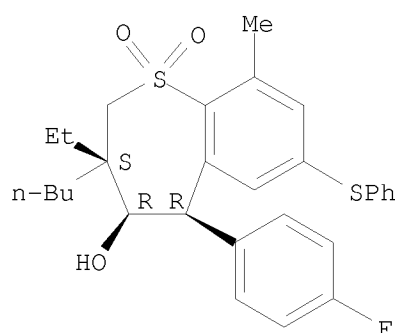
10/590,458



RN 1064154-55-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-methyl-7-(phenylthio)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

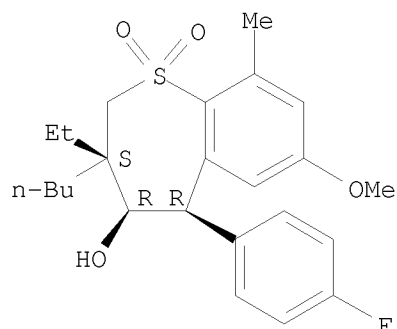
Absolute stereochemistry.



RN 1064154-56-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-9-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.



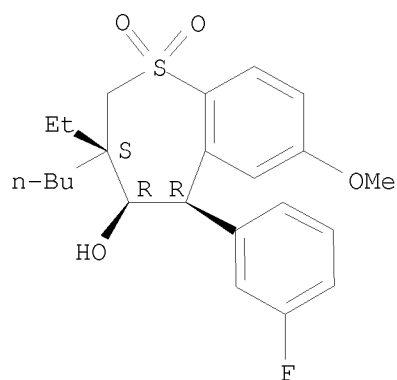
RN 1064589-21-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-

10/590,458

7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

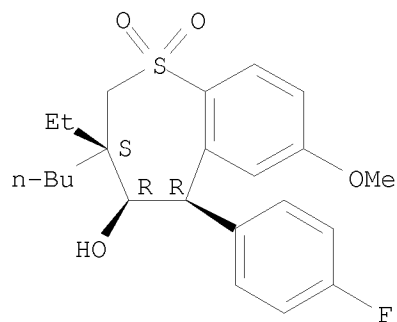
Absolute stereochemistry.



RN 1064589-22-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

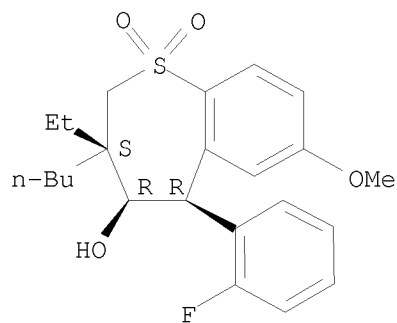
Absolute stereochemistry.



RN 1064589-23-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

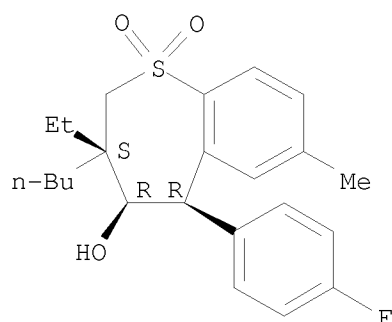


10/590,458

RN 1064589-25-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

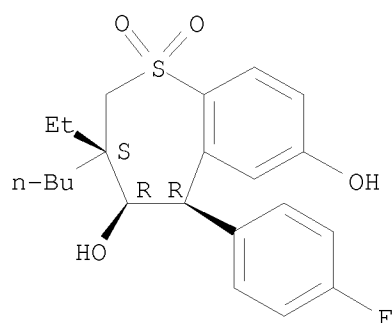
Absolute stereochemistry.



RN 1064591-63-4 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

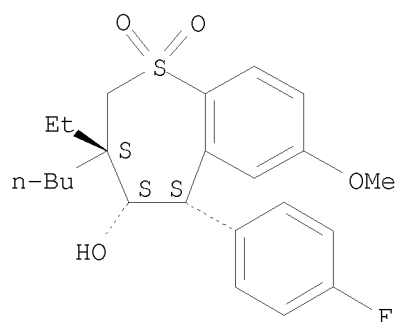
Absolute stereochemistry.



RN 1064591-95-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

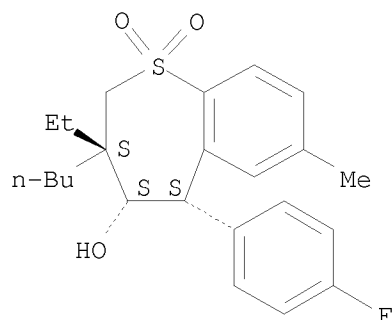


10/590,458

RN 1064592-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

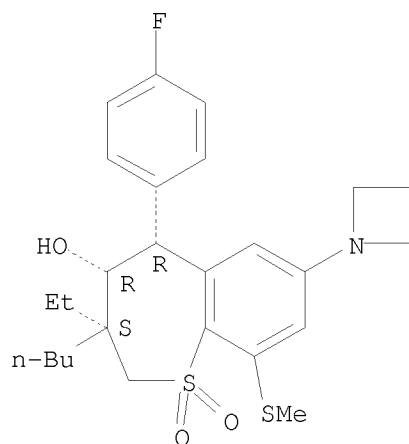
Absolute stereochemistry.



RN 1100647-02-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

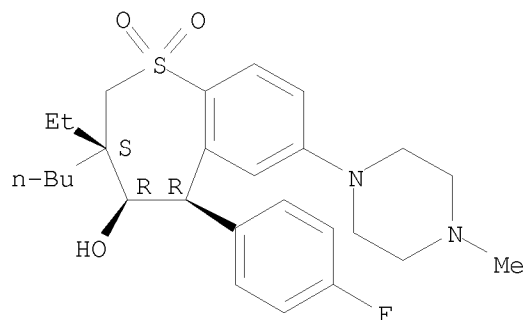


RN 1100647-06-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

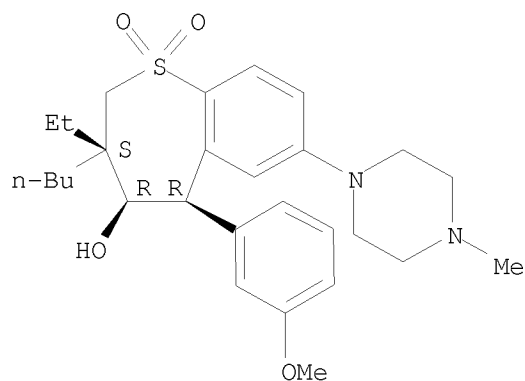
10/590,458



RN 1100647-07-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

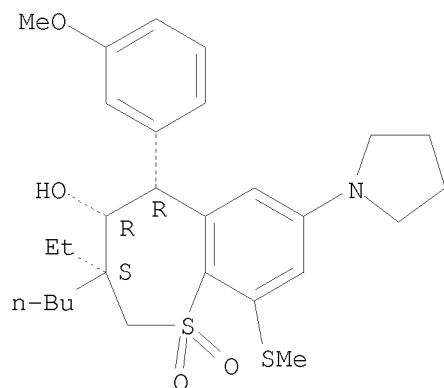


RN 1100647-08-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-9-(methylthio)-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

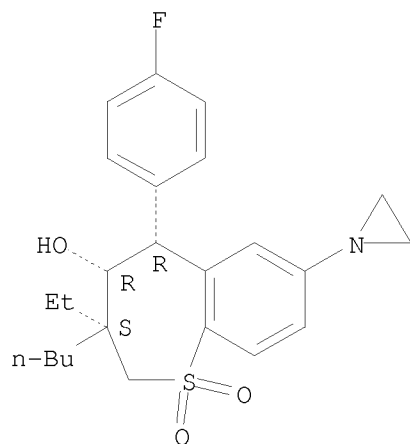
10/590,458



RN 1100647-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-aziridinyl)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

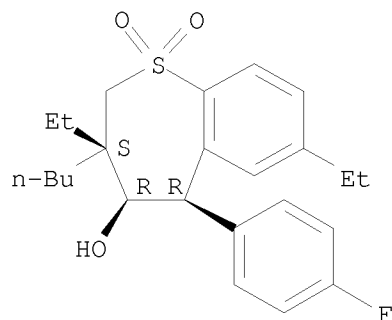


RN 1100647-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3,7-diethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

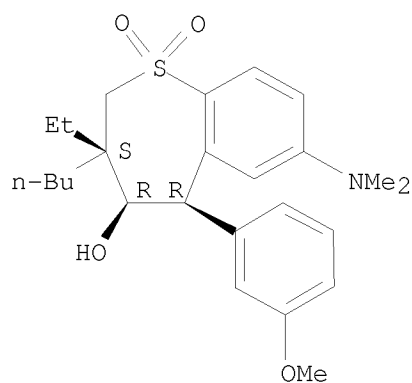
Absolute stereochemistry.

10/590,458



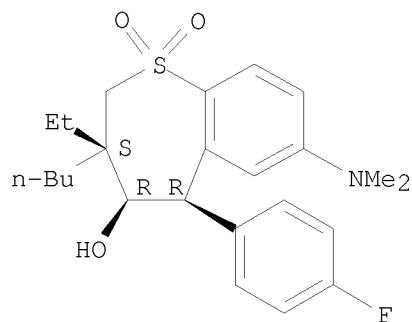
RN 1101104-38-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1101104-39-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

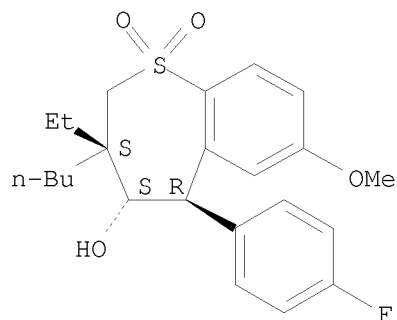
Absolute stereochemistry.



RN 1101104-45-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5R)- (CA INDEX NAME)

Absolute stereochemistry.

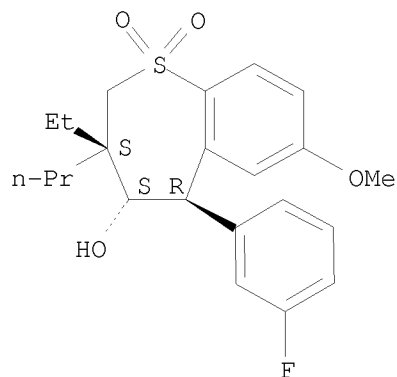
10/590,458



RN 1101104-46-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-3-propyl-, 1,1-dioxide, (3S,4S,5R)- (CA INDEX NAME)

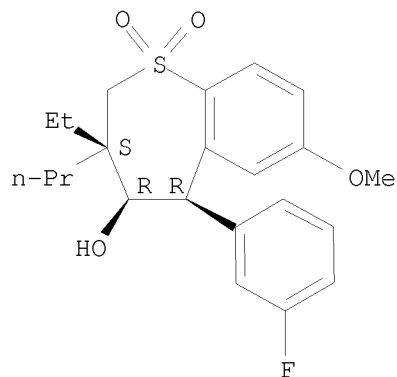
Absolute stereochemistry.



RN 1101104-47-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

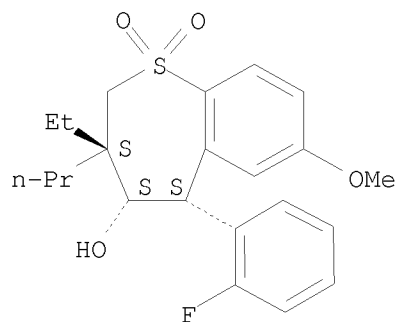


RN 1101104-48-6 CAPLUS

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CN 1-Benzothiepin-4-ol, 3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-3-propyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

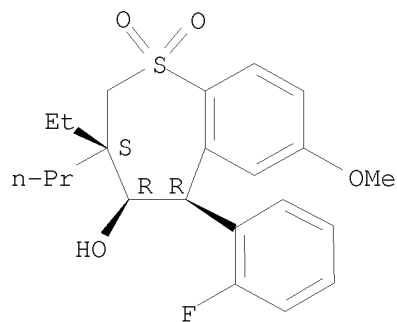
Absolute stereochemistry.



RN 1101104-49-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

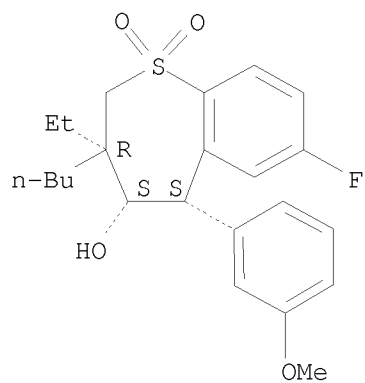
Absolute stereochemistry.



RN 1101104-50-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)- (CA INDEX NAME)

Absolute stereochemistry.

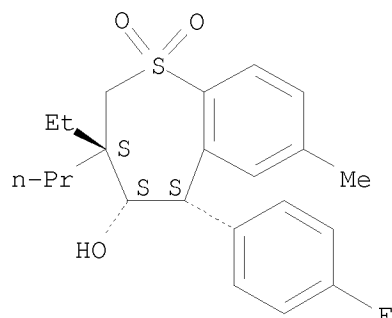


10/590,458

RN 1101104-51-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-3-propyl-, 1,1-dioxide, (3S,4S,5S)- (CA INDEX NAME)

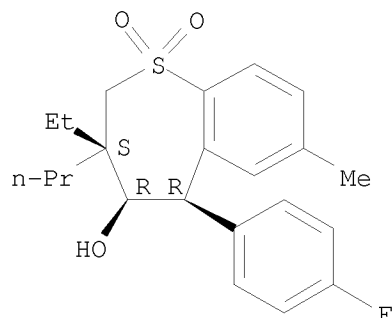
Absolute stereochemistry.



RN 1101104-52-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

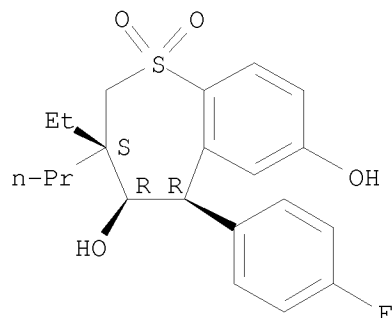
Absolute stereochemistry.



RN 1101104-53-3 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-3-propyl-, 1,1-dioxide, (3S,4R,5R)- (CA INDEX NAME)

Absolute stereochemistry.

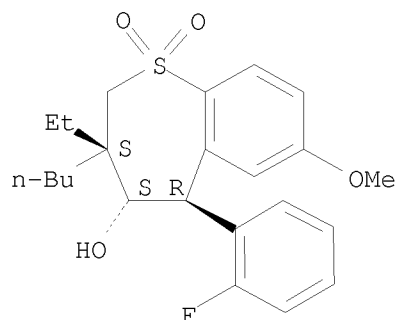


10/590,458

RN 1101104-54-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5R)- (CA INDEX NAME)

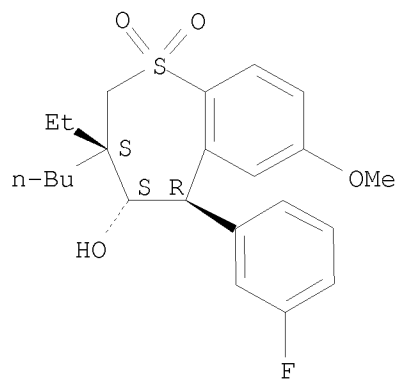
Absolute stereochemistry.



RN 1101104-55-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3S,4S,5R)- (CA INDEX NAME)

Absolute stereochemistry.



IT	178678-25-6P	178678-26-7P	178678-27-8P
	178678-39-2P	178678-40-5P	178678-43-8P
	178678-44-9P	178678-45-0P	178678-48-3P
	178678-54-1P	178897-95-5P	178897-96-6P
	178897-97-7P	178898-00-5P	178898-01-6P
	178898-02-7P	178898-04-9P	178898-05-0P
	197372-69-3P	197372-70-6P	197372-71-7P
	197372-72-8P	197372-73-9P	197372-74-0P
	197372-75-1P	197372-76-2P	197372-77-3P
	197372-78-4P	197372-79-5P	197372-80-8P
	197372-81-9P	197372-82-0P	197372-83-1P
	197372-84-2P	197372-85-3P	197372-86-4P
	197372-87-5P	197372-88-6P	197372-89-7P
	197372-90-0P	197372-91-1P	197372-92-2P
	197372-93-3P	197372-95-5P	197372-96-6P
	197372-99-9P	197373-00-5P	197373-01-6P

197373-02-7P	197373-03-8P	197373-07-2P
197373-08-3P	197373-09-4P	197373-10-7P
197373-11-8P	197373-14-1P	197373-16-3P
197373-17-4P	197373-18-5P	197373-19-6P
197373-20-9P	197373-22-1P	197373-24-3P
197373-25-4P	197373-26-5P	197373-27-6P
197373-28-7P	197373-29-8P	197373-30-1P
197373-31-2P	197373-32-3P	197373-37-8P
197373-38-9P	197373-39-0P	197373-40-3P
197373-41-4P	197373-45-8P	197373-48-1P
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197373-85-6P	197373-87-8P	197373-93-6P
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197374-00-8P	197374-01-9P	197374-02-0P
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197374-87-1P	197374-88-2P	197374-89-3P
197374-90-6P	197374-93-9P	197374-94-0P
197374-95-1P	197374-96-2P	197374-97-3P
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197375-89-6P	197375-93-2P	197375-94-3P
197375-96-5P	197376-00-4P	197376-07-1P

197376-08-2P	197376-09-3P	197376-10-6P
197376-11-7P	197376-12-8P	197376-13-9P
197376-14-0P	197376-15-1P	197376-17-3P
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197376-22-0P	197376-25-3P	

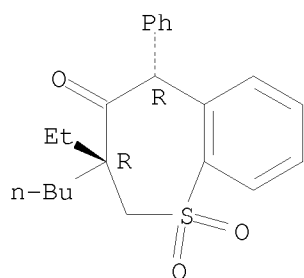
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors)

RN 178678-25-6 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5R)-rel- (CA INDEX NAME)

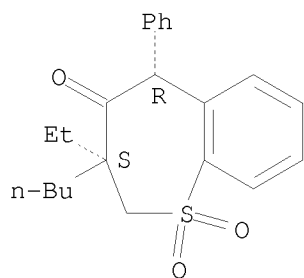
Relative stereochemistry.



RN 178678-26-7 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

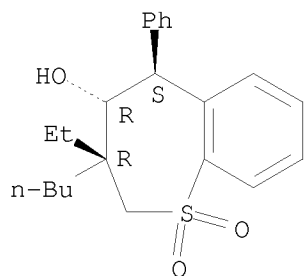


RN 178678-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

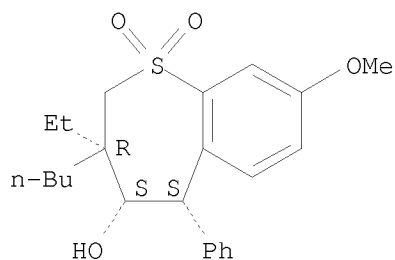
10/590,458



RN 178678-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

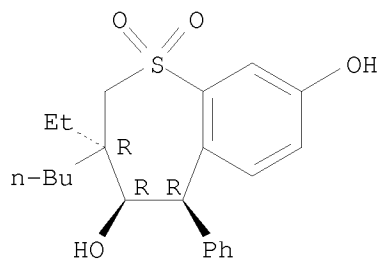
Relative stereochemistry.



RN 178678-40-5 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

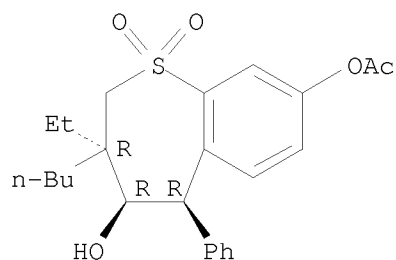


RN 178678-43-8 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 8-acetate, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

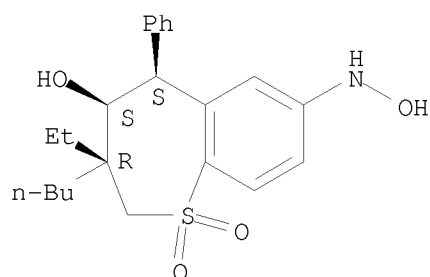
10/590,458



RN 178678-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

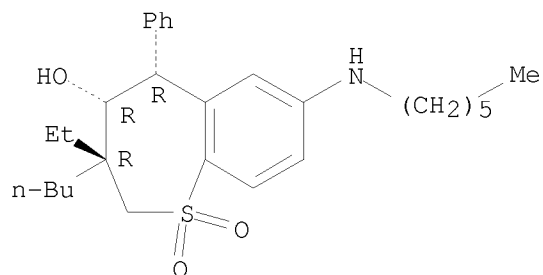
Relative stereochemistry.



RN 178678-45-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

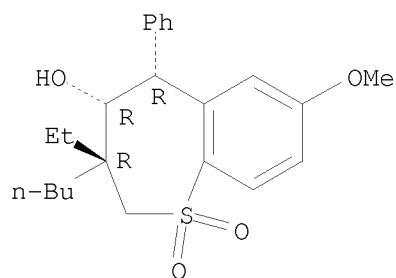


RN 178678-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

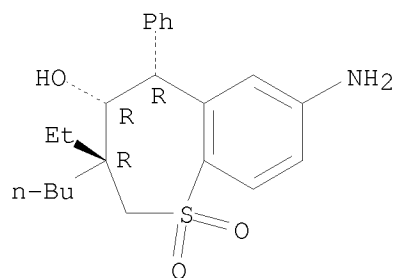
10/590,458



RN 178678-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

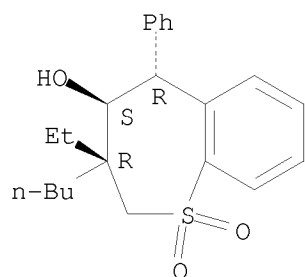
Relative stereochemistry.



RN 178897-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

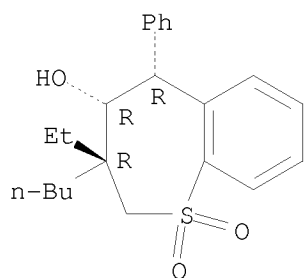


RN 178897-96-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

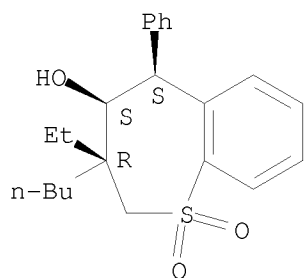
10/590,458



RN 178897-97-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

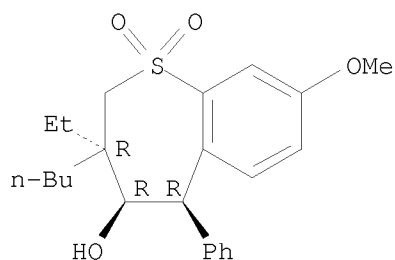
Relative stereochemistry.



RN 178898-00-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

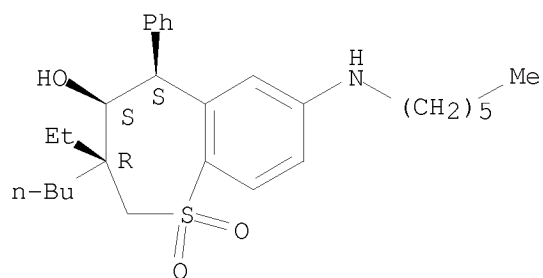


RN 178898-01-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

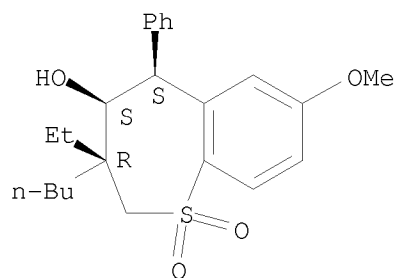
10/590,458



RN 178898-02-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

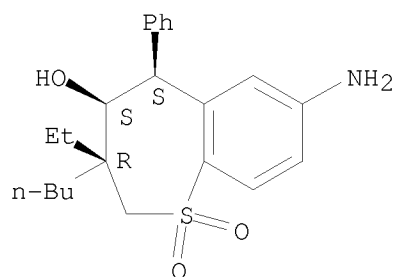
Relative stereochemistry.



RN 178898-04-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

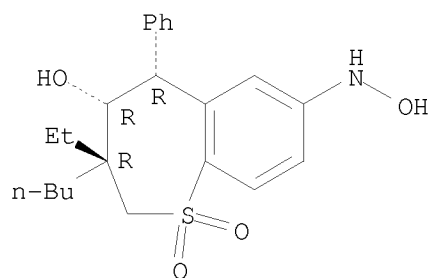
Relative stereochemistry.



RN 178898-05-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

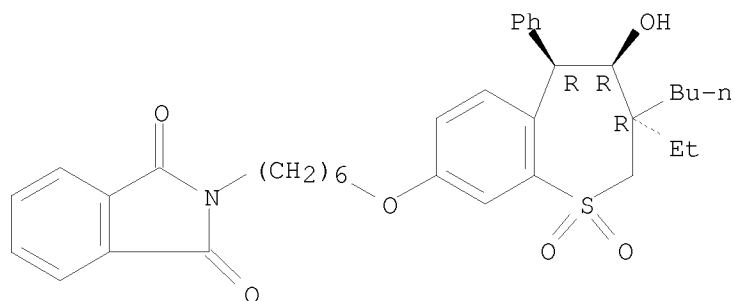
Relative stereochemistry.



RN 197372-69-3 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

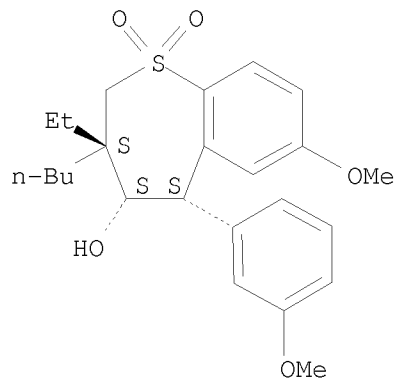
Relative stereochemistry.



RN 197372-70-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

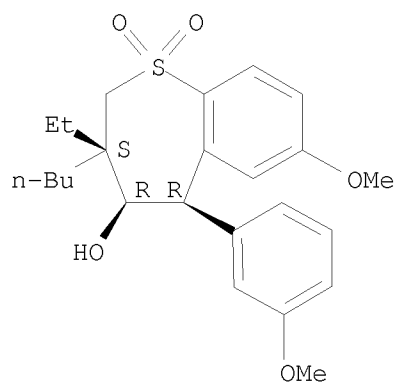


RN 197372-71-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

10/590,458

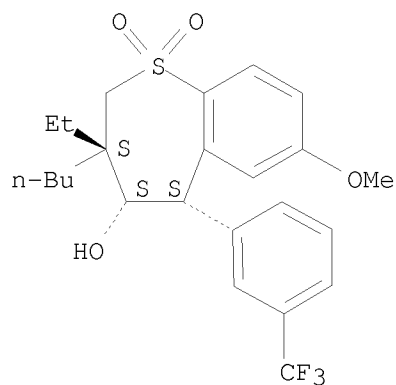
Relative stereochemistry.



RN 197372-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

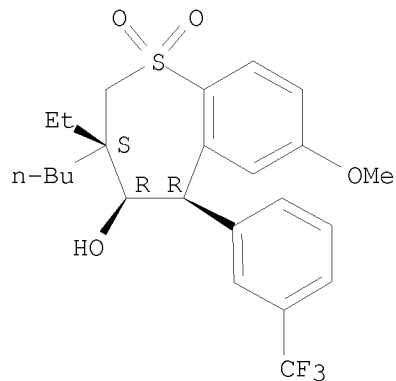


RN 197372-73-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

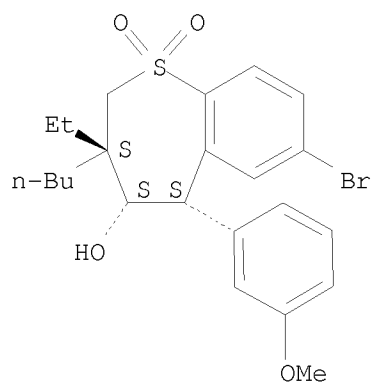
10/590,458



RN 197372-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

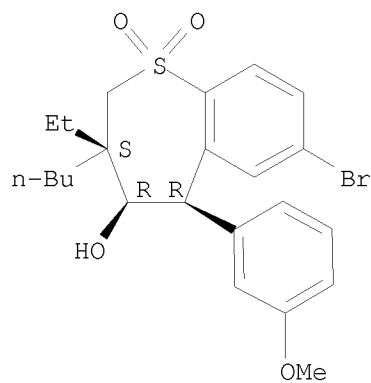
Relative stereochemistry.



RN 197372-75-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

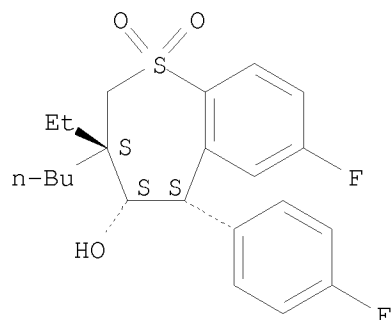
Relative stereochemistry.



RN 197372-76-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

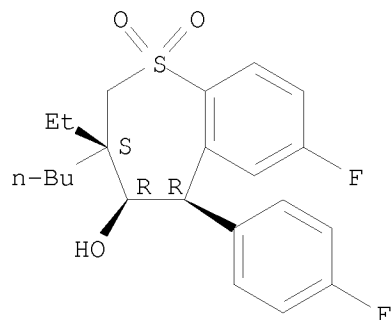
Relative stereochemistry.



RN 197372-77-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

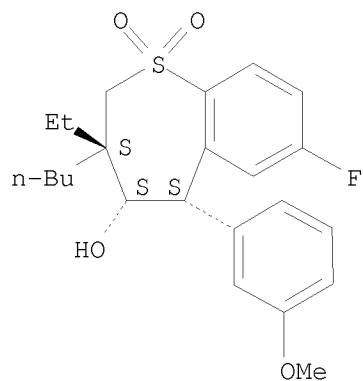


RN 197372-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

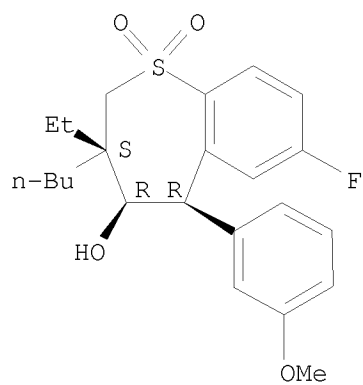
10/590,458



RN 197372-79-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

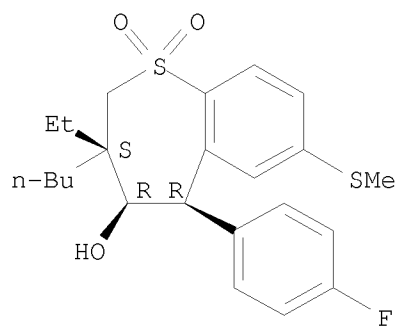
Relative stereochemistry.



RN 197372-80-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

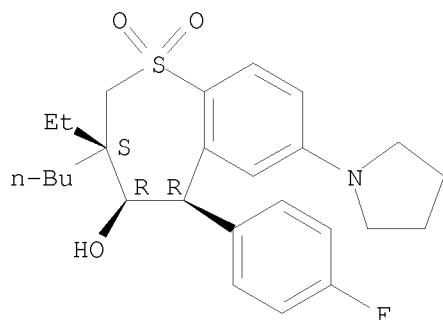


RN 197372-81-9 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

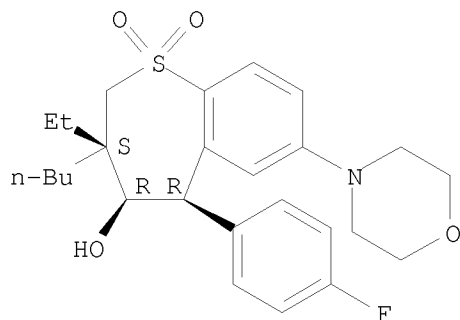
Relative stereochemistry.



RN 197372-82-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

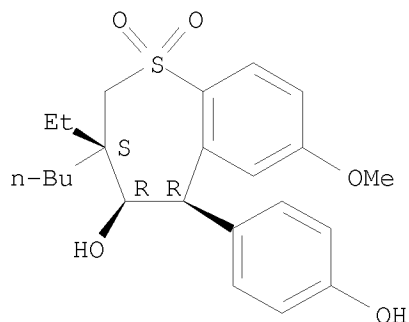
Relative stereochemistry.



RN 197372-83-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

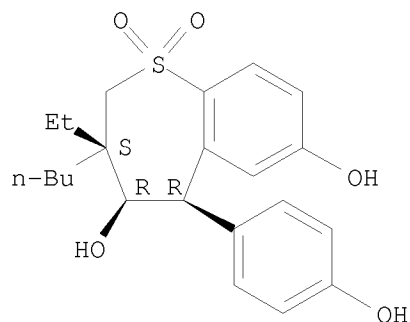


RN 197372-84-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

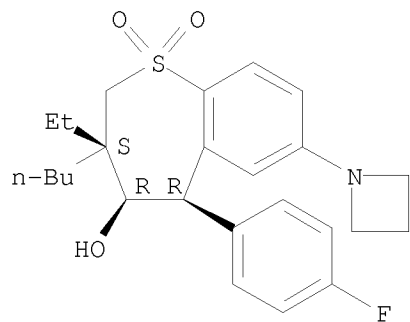
Relative stereochemistry.



RN 197372-85-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

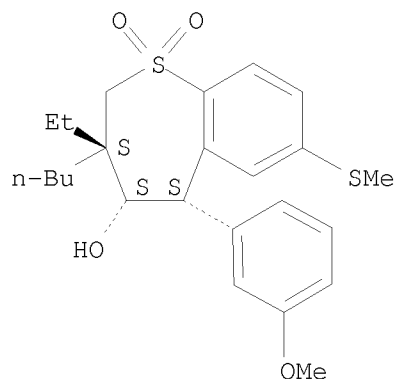


RN 197372-86-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

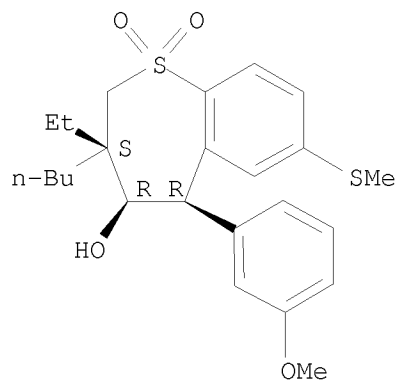
10/590,458



RN 197372-87-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

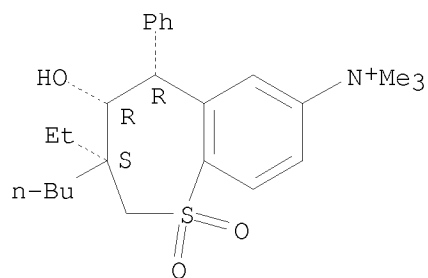


RN 197372-88-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

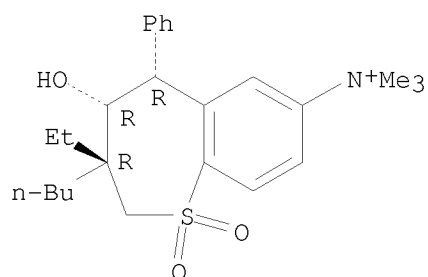
10/590,458



RN 197372-89-7 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4R,5R)-rel- (9CI) (CA INDEX NAME)

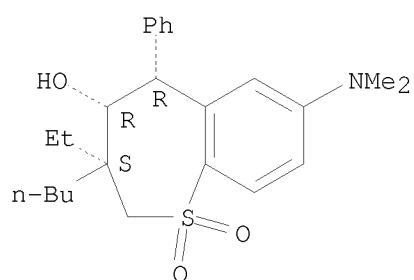
Relative stereochemistry.



RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

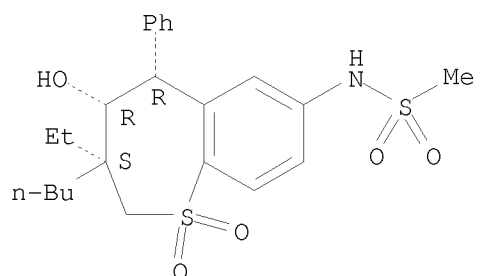


10/590,458

RN 197372-91-1 CAPLUS

CN Methanesulfonamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

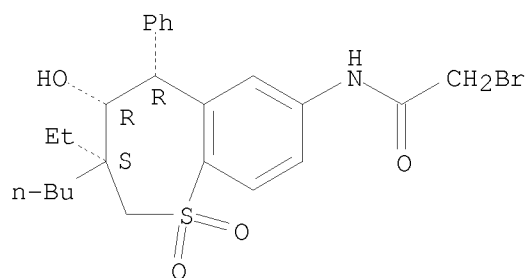
Relative stereochemistry.



RN 197372-92-2 CAPLUS

CN Acetamide, 2-bromo-N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

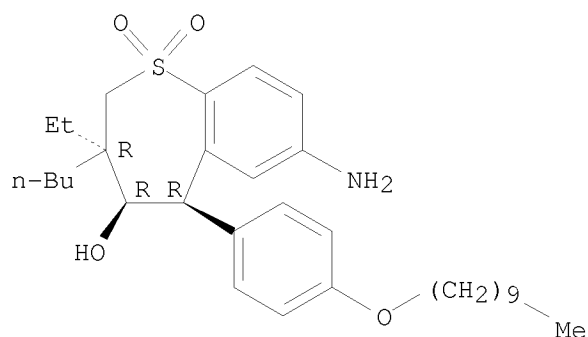
Relative stereochemistry.



RN 197372-93-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

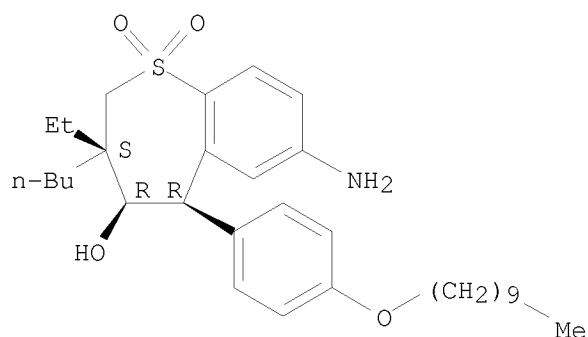


10/590,458

RN 197372-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-
2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

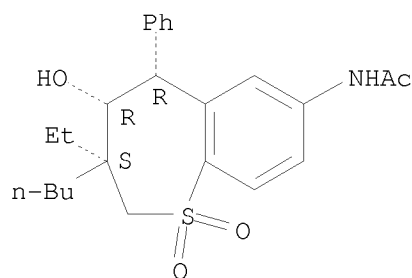
Relative stereochemistry.



RN 197372-96-6 CAPLUS

CN Acetamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

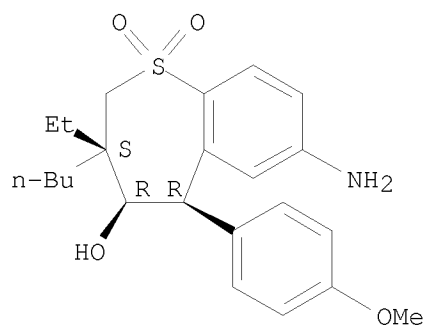
Relative stereochemistry.



RN 197372-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-
methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

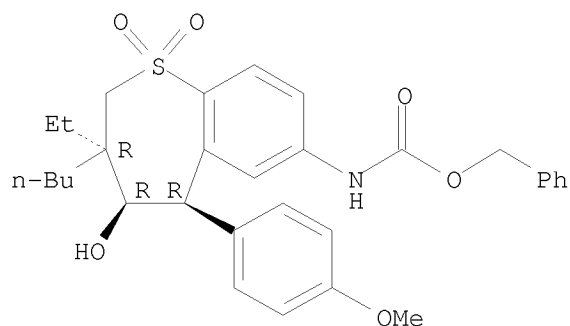


10/590,458

RN 197373-00-5 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

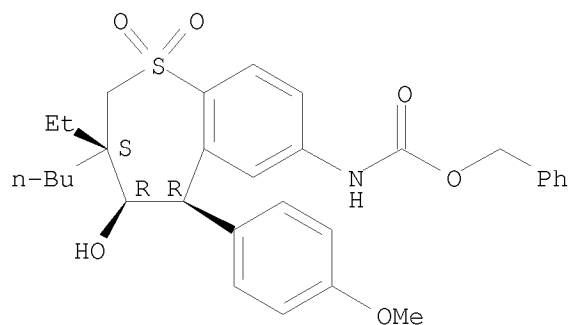
Relative stereochemistry.



RN 197373-01-6 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

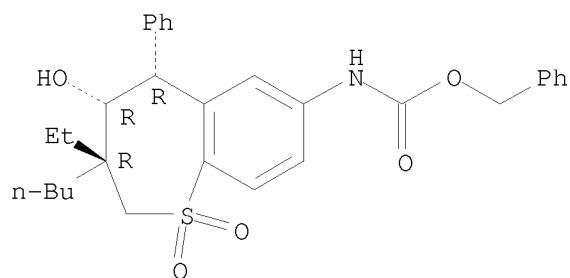
Relative stereochemistry.



RN 197373-02-7 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

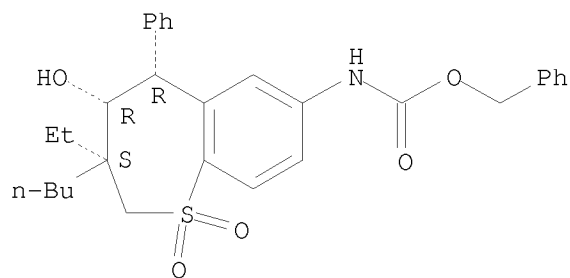
Relative stereochemistry.



RN 197373-03-8 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

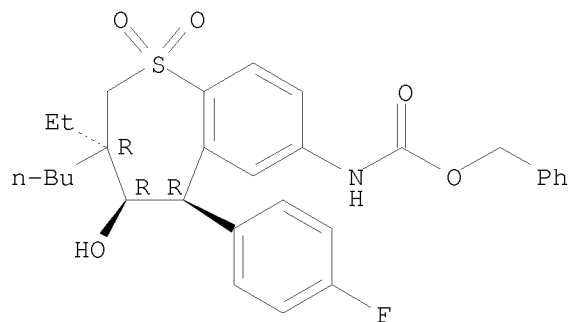
Relative stereochemistry.



RN 197373-07-2 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

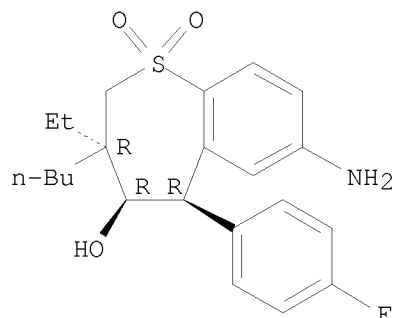
Relative stereochemistry.



RN 197373-08-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

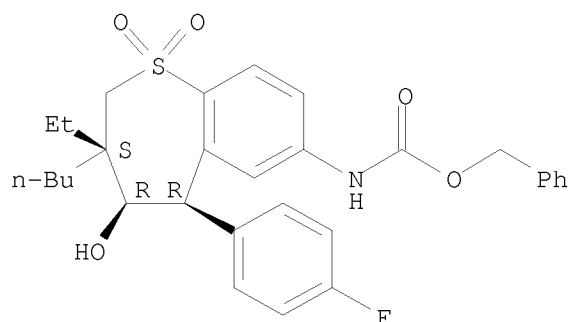
Relative stereochemistry.



RN 197373-09-4 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

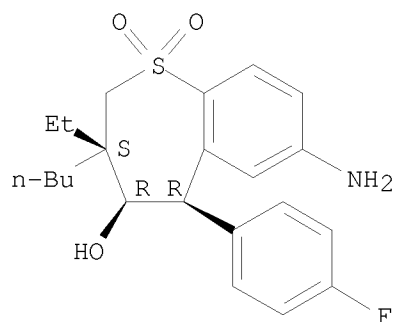
Relative stereochemistry.



RN 197373-10-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

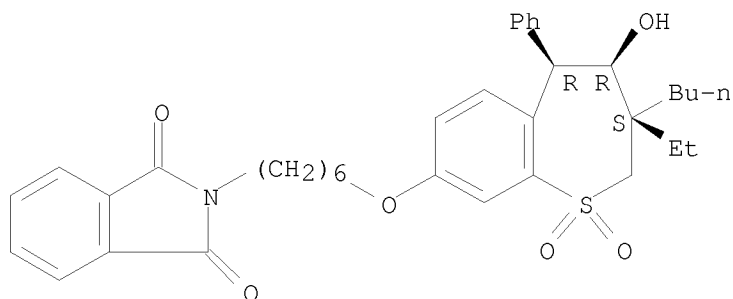


RN 197373-11-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

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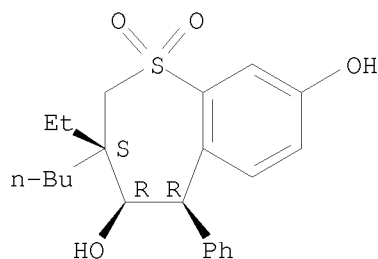
Relative stereochemistry.



RN 197373-14-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

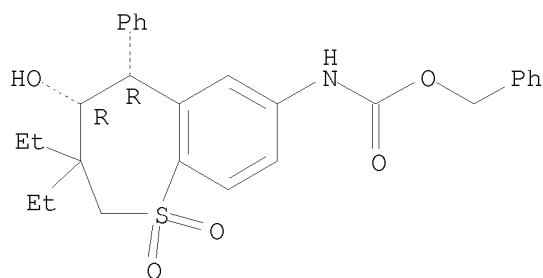
Relative stereochemistry.



RN 197373-16-3 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

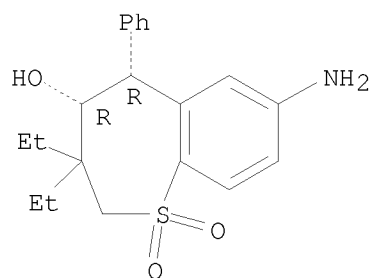


RN 197373-17-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

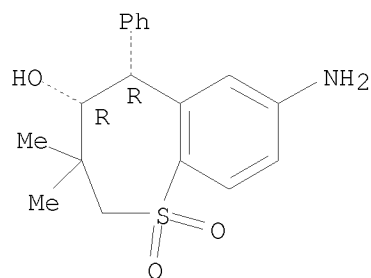
Relative stereochemistry.

10/590,458



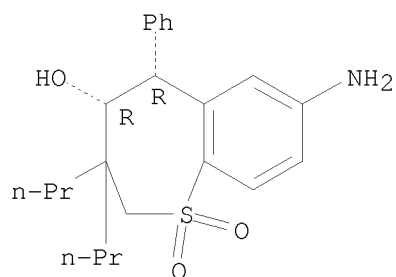
RN 197373-18-5 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



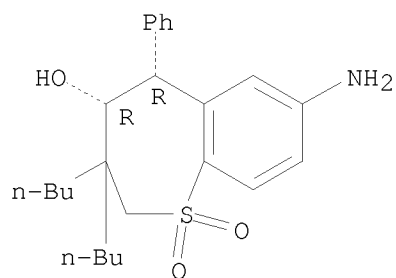
RN 197373-19-6 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-20-9 CAPLUS
CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

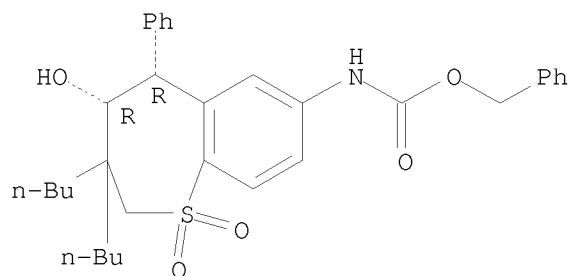
Relative stereochemistry.



RN 197373-22-1 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

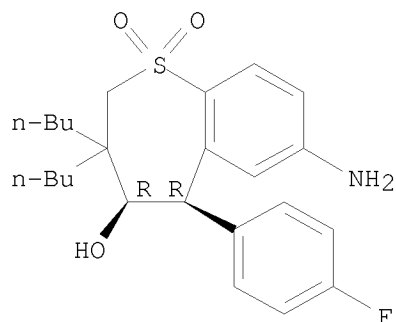
Relative stereochemistry.



RN 197373-24-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

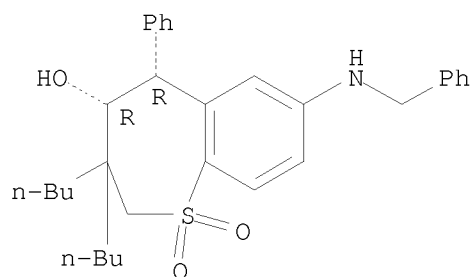


RN 197373-25-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

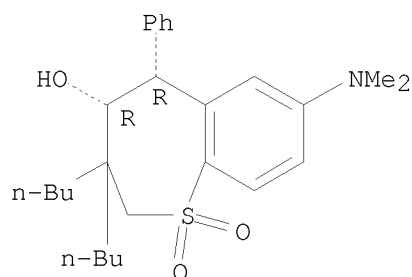
10/590,458



RN 197373-26-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

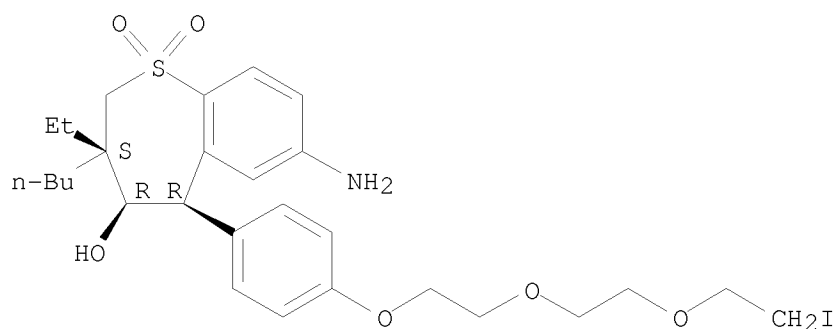
Relative stereochemistry.



RN 197373-27-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

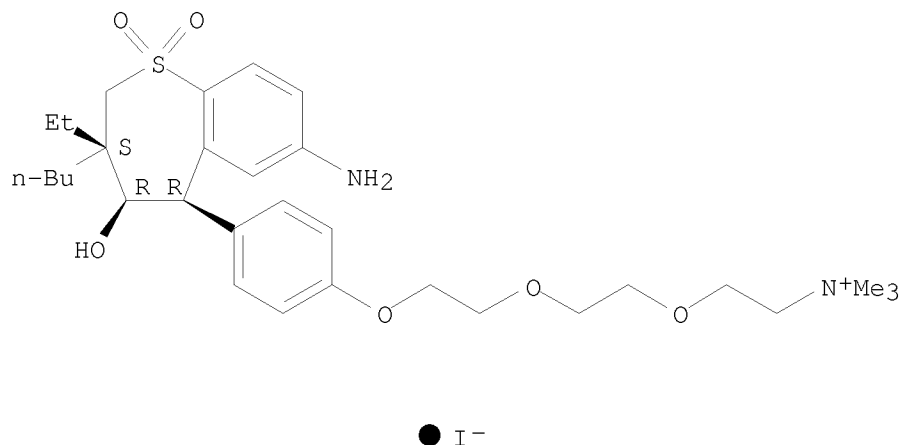


RN 197373-28-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

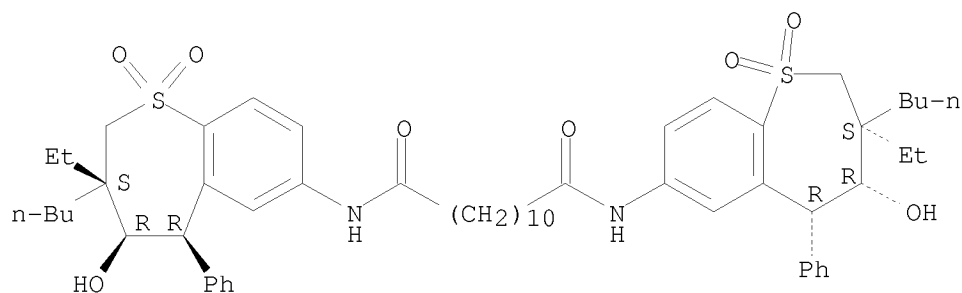
Relative stereochemistry.



RN 197373-29-8 CAPLUS

CN Dodecanediamide, N1,N12-bis[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

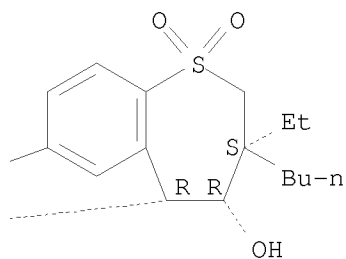
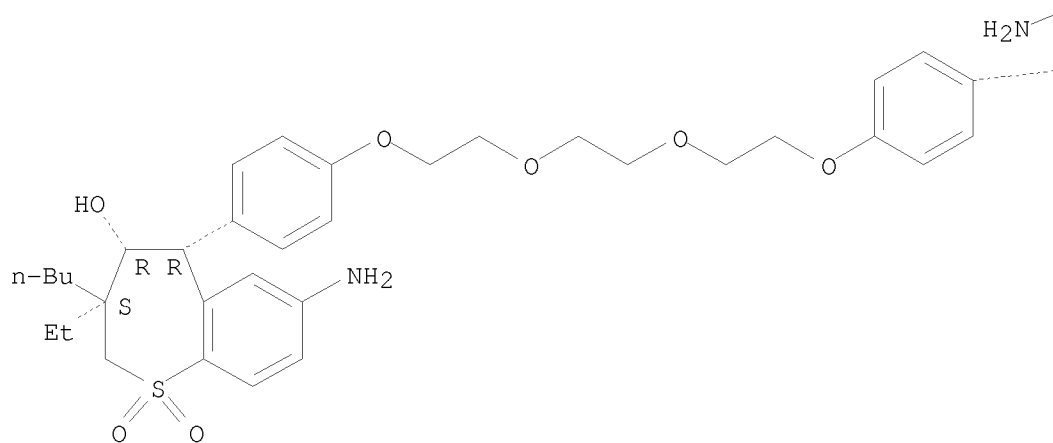
Relative stereochemistry.



RN 197373-30-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy-4,1-phenylene)]bis[7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

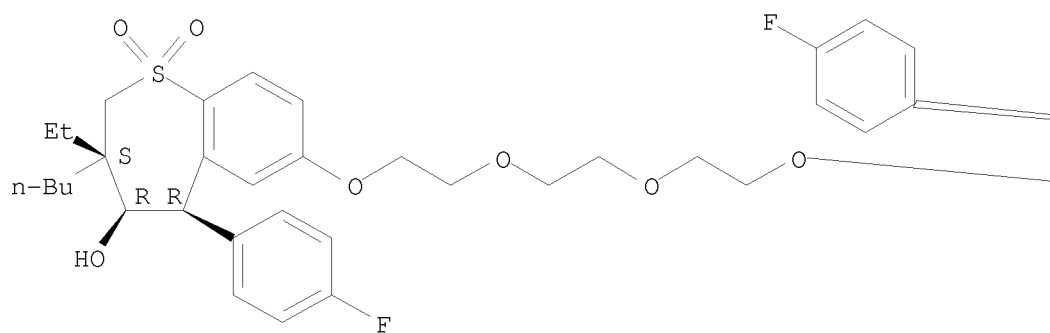


RN 197373-31-2 CAPLUS

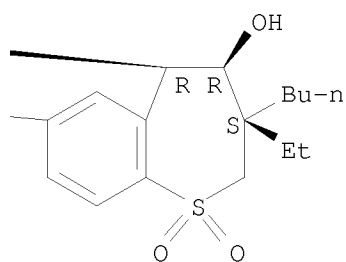
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy]bis[3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

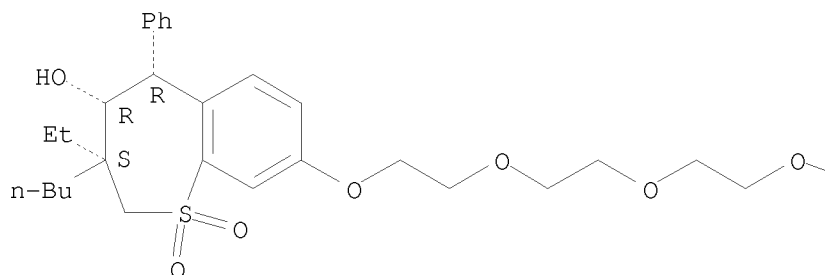


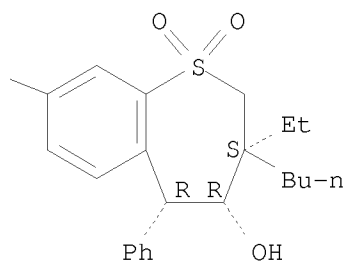
RN 197373-32-3 CAPLUS

CN 1-Benzothiepin-4-ol, 8,8'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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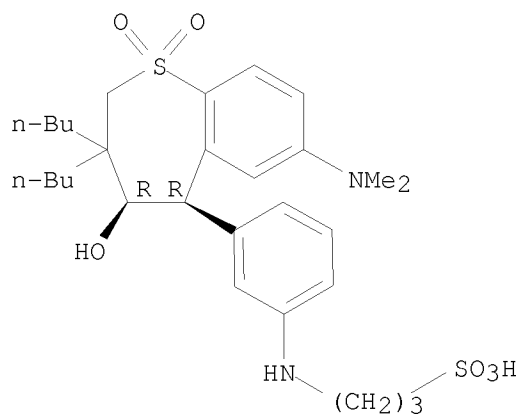




RN 197373-37-8 CAPLUS

CN 1-Propanesulfonic acid, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

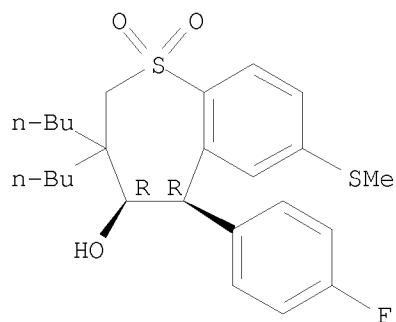
Relative stereochemistry.



RN 197373-38-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

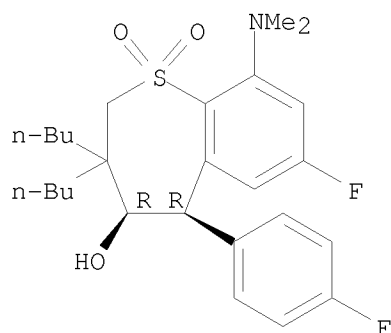


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RN 197373-39-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

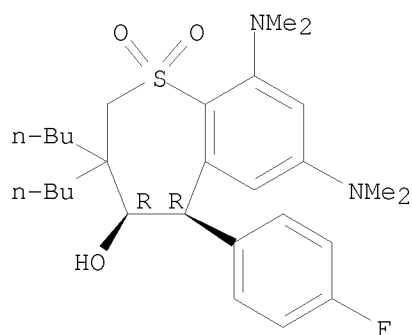
Relative stereochemistry.



RN 197373-40-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

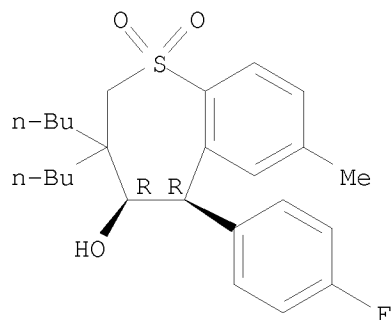


RN 197373-41-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

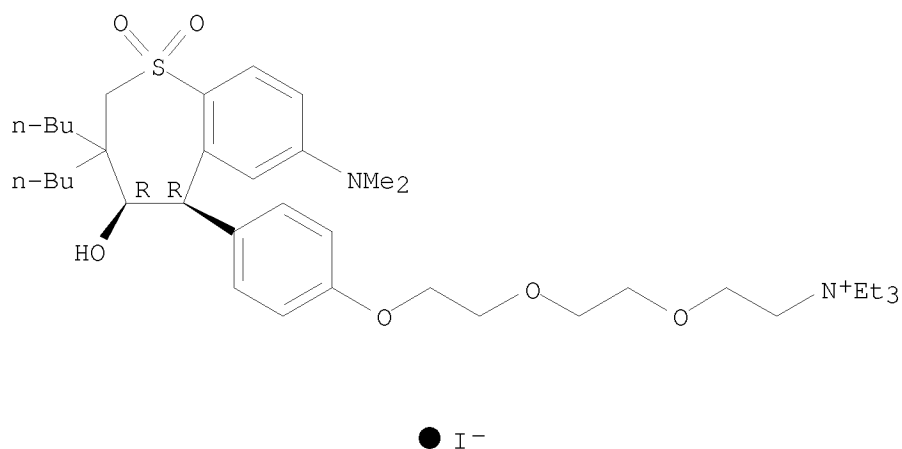
Relative stereochemistry.

10/590,458



RN 197373-45-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

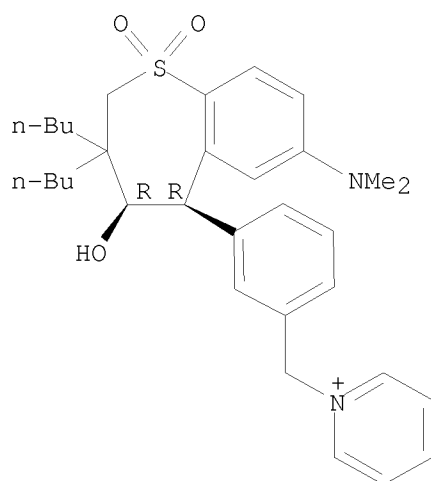
Relative stereochemistry.



RN 197373-48-1 CAPLUS
CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

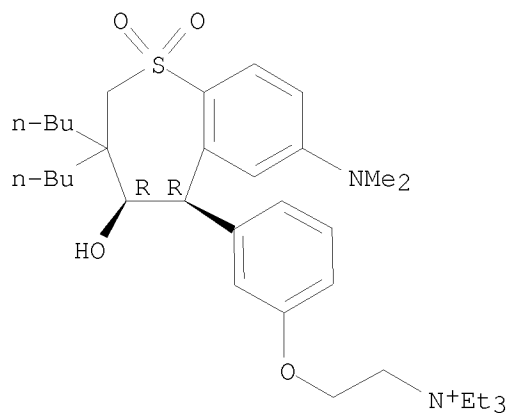
10/590,458



RN 197373-59-4 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



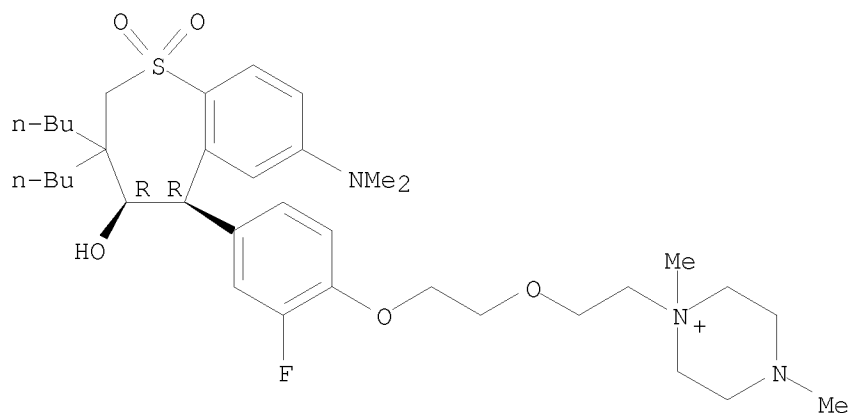
RN 197373-60-7 CAPLUS

CN Piperazininium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX

10/590,458

NAME)

Relative stereochemistry.

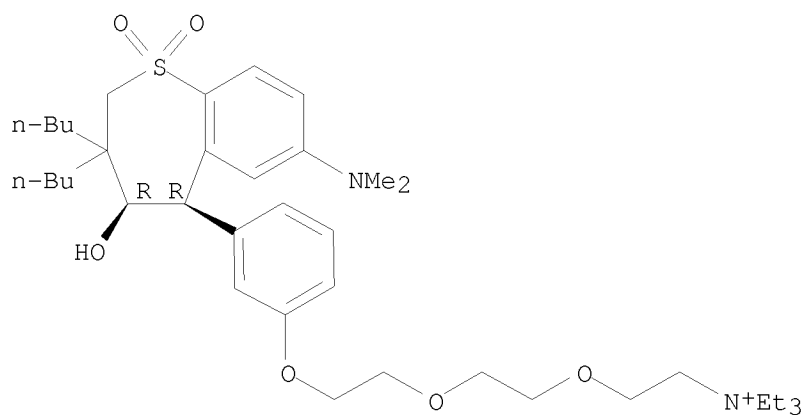


● Br⁻

RN 197373-61-8 CAPLUS

CN Ethaniminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I -

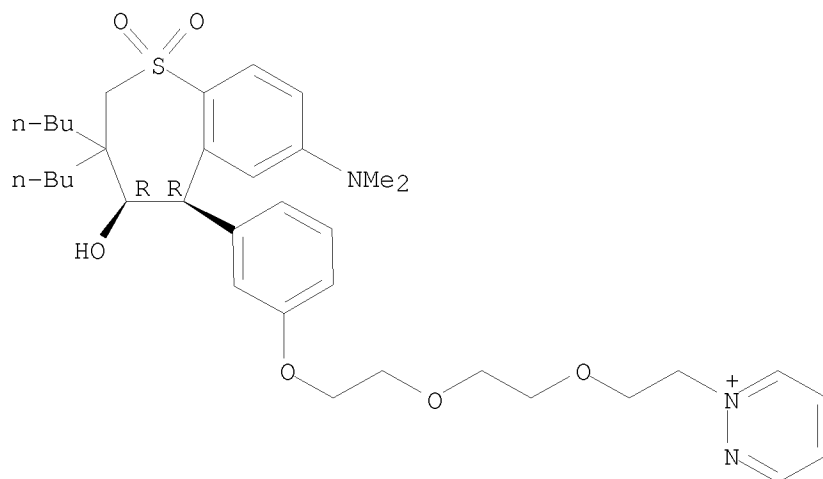
RN 197373-62-9 CAPLUS

CN Pyridazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

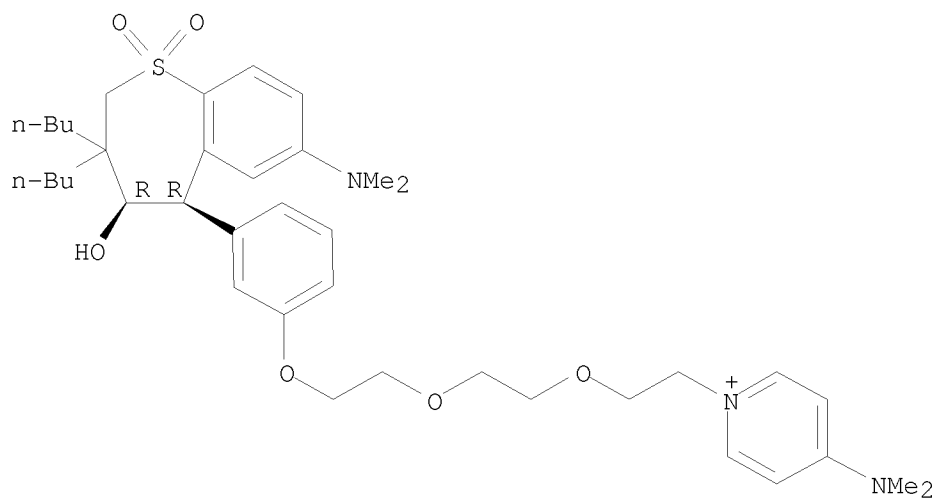


RN 197373-63-0 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(dimethylamino)-, iodide (1:1), rel- (CA INDEX NAME)

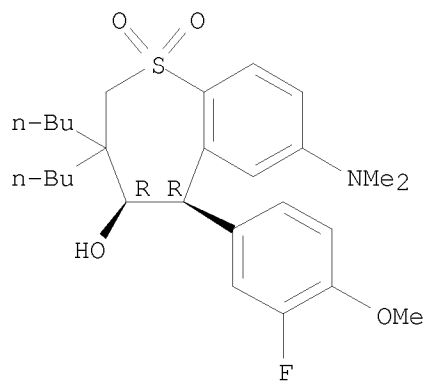
Relative stereochemistry.

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RN 197373-64-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

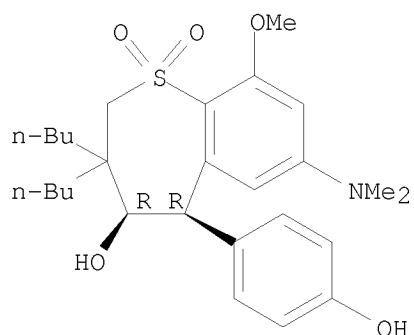
Relative stereochemistry.



RN 197373-67-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-9-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

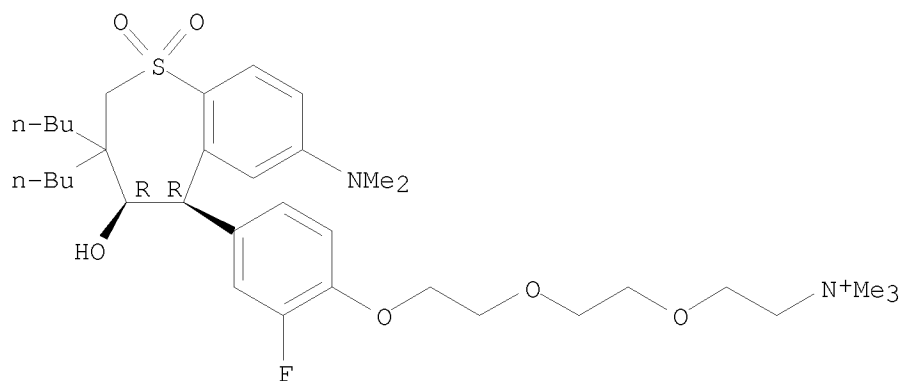
Relative stereochemistry.

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RN 197373-68-5 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

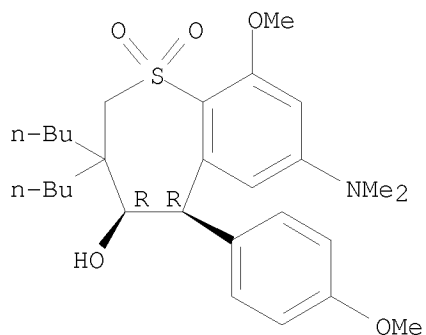
Relative stereochemistry.



RN 197373-69-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-9-methoxy-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

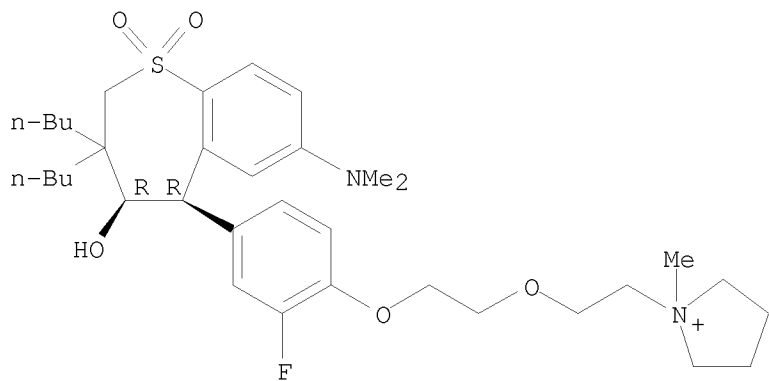
10/590,458



RN 197373-70-9 CAPLUS

CN Pyrrolidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-methyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



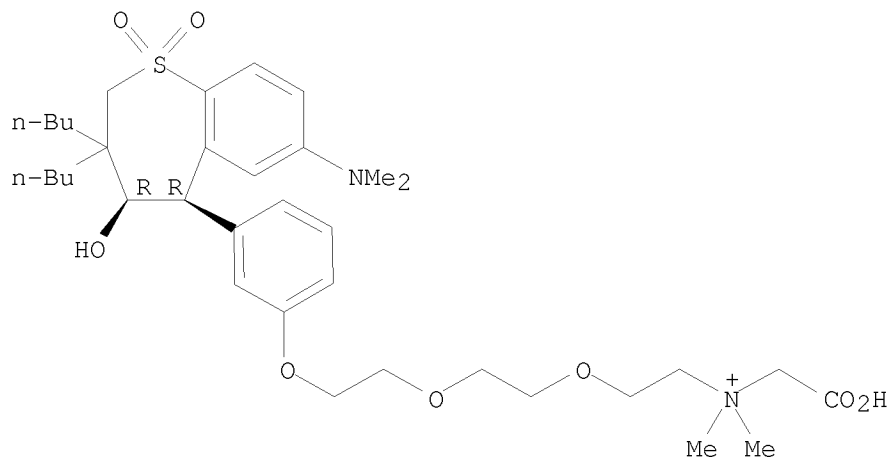
● Br⁻

RN 197373-71-0 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-hydroxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

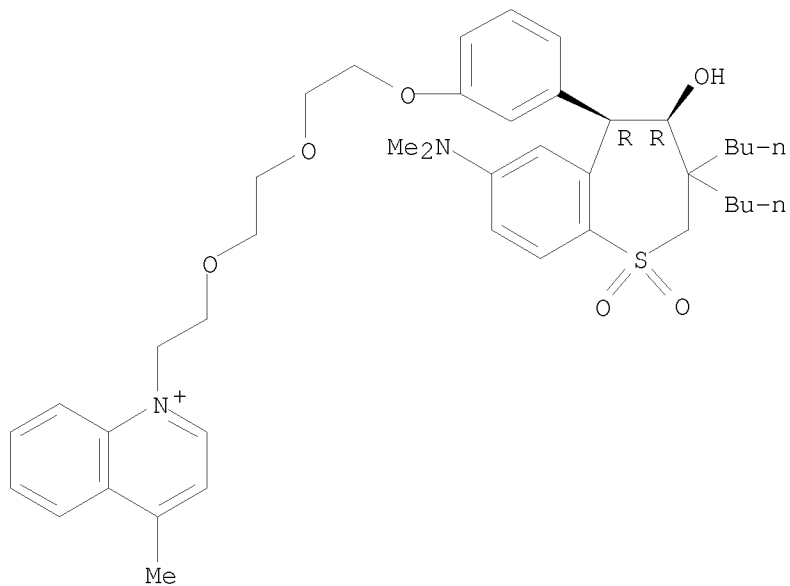
10/590,458



RN 197373-72-1 CAPLUS
 CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

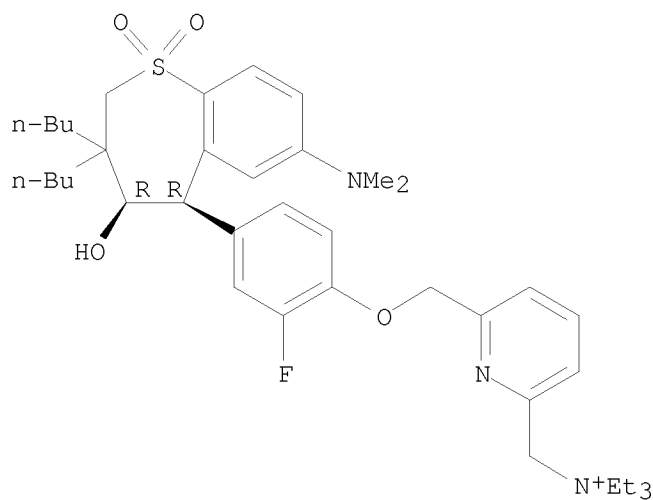
PAGE 1-A





RN 197373-76-5 CAPLUS
 CN 2-Pyridinemethanaminium, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

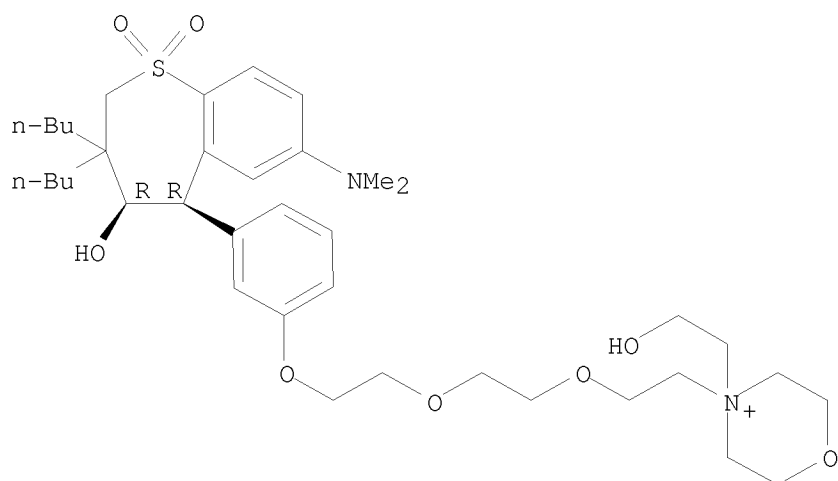
Relative stereochemistry.



RN 197373-77-6 CAPLUS
 CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

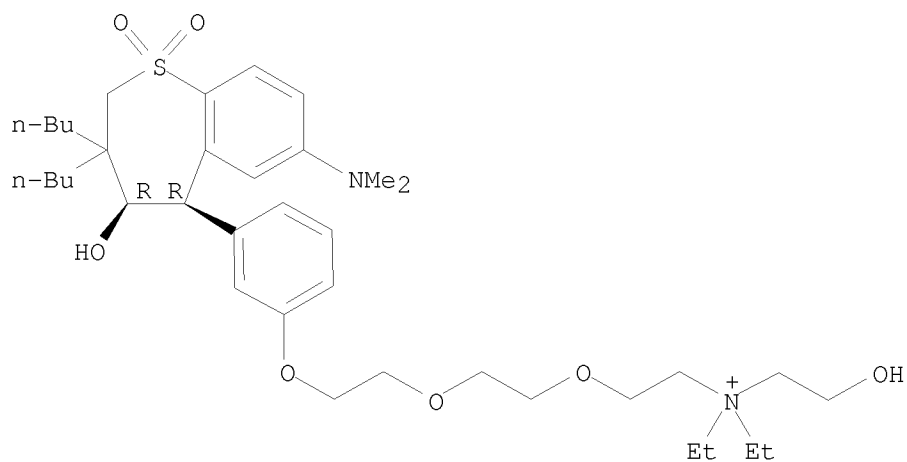
10/590,458



RN 197373-78-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



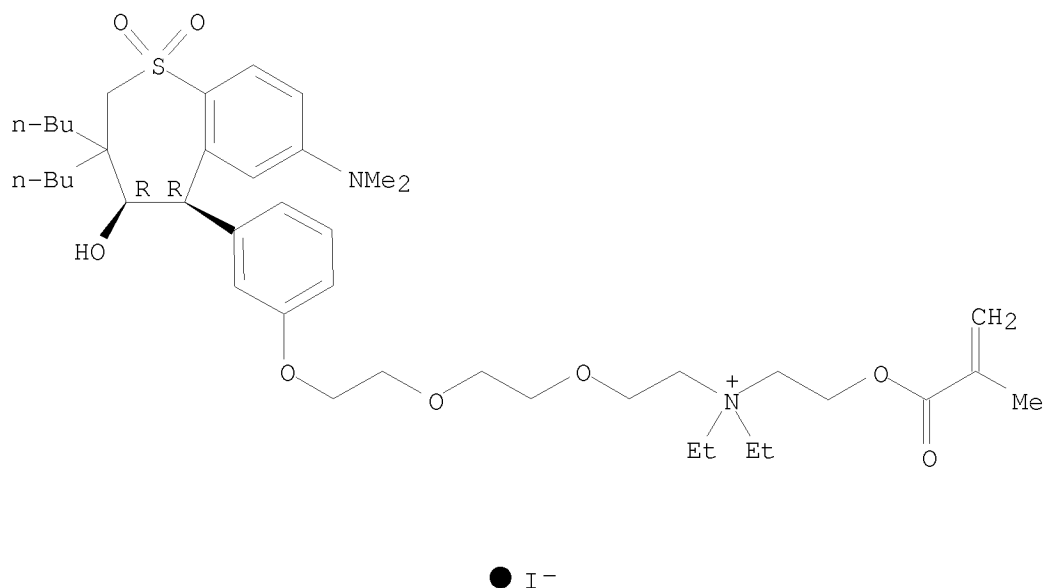
RN 197373-79-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-
N,N-diethyl-N-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-, iodide, rel-
(9CI) (CA INDEX NAME)

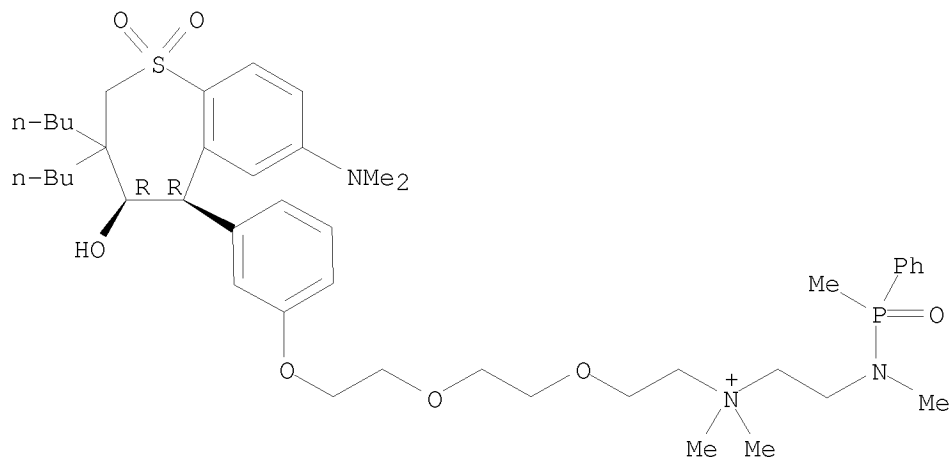
Relative stereochemistry.



RN 197373-80-1 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-
[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA
INDEX NAME)

Relative stereochemistry.

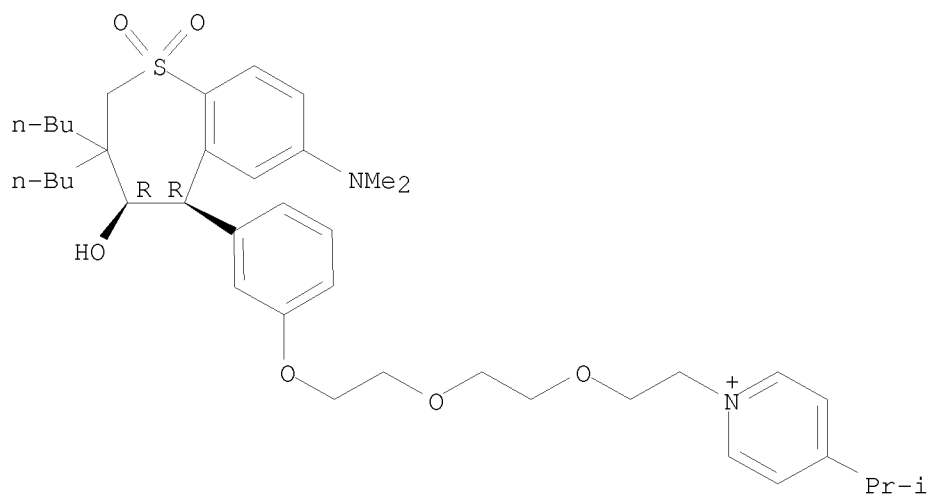
10/590,458



● I⁻

RN 197373-83-4 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-methylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



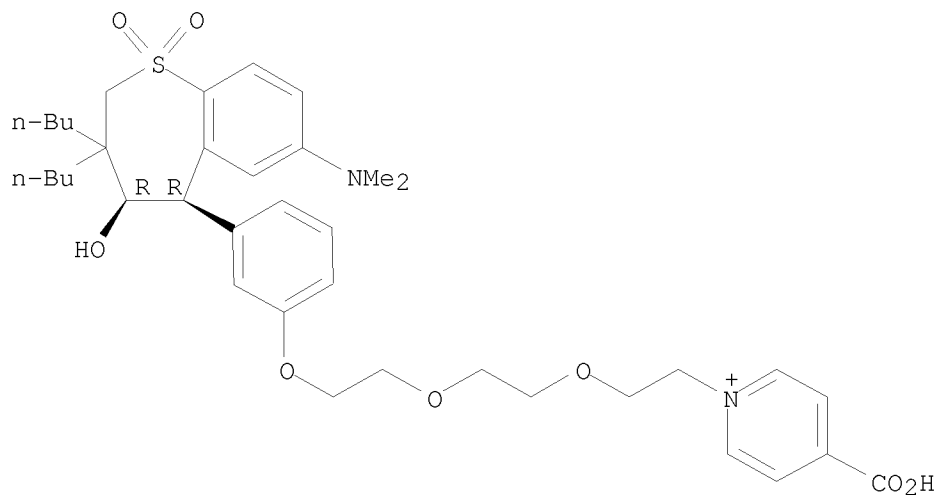
● I⁻

RN 197373-85-6 CAPLUS
CN Pyridinium, 4-carboxy-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-

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2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

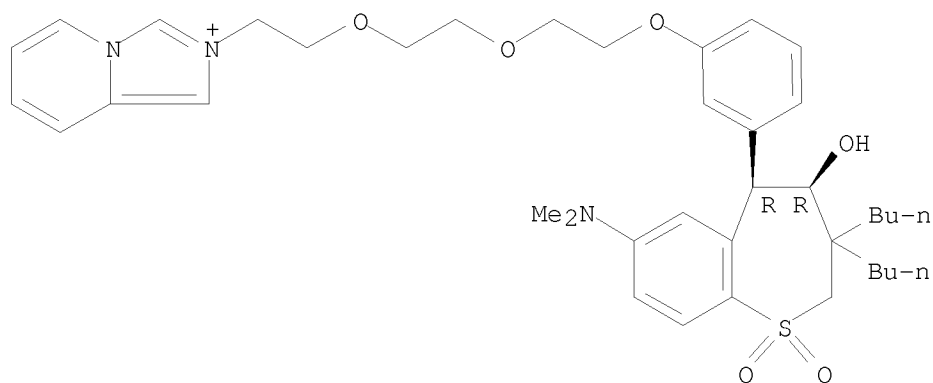
Relative stereochemistry.



RN 197373-87-8 CAPLUS

CN Imidazo[1,5-a]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-93-6 CAPLUS

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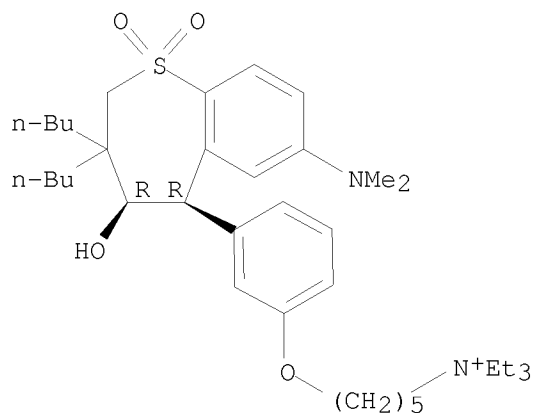
CN 1-Pentanaminium, 5-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-92-5

CMF C37 H61 N2 O4 S

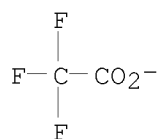
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

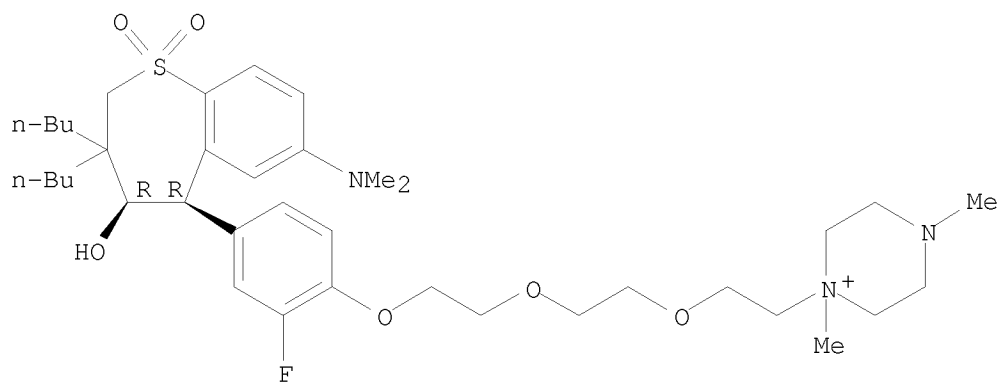


RN 197373-95-8 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

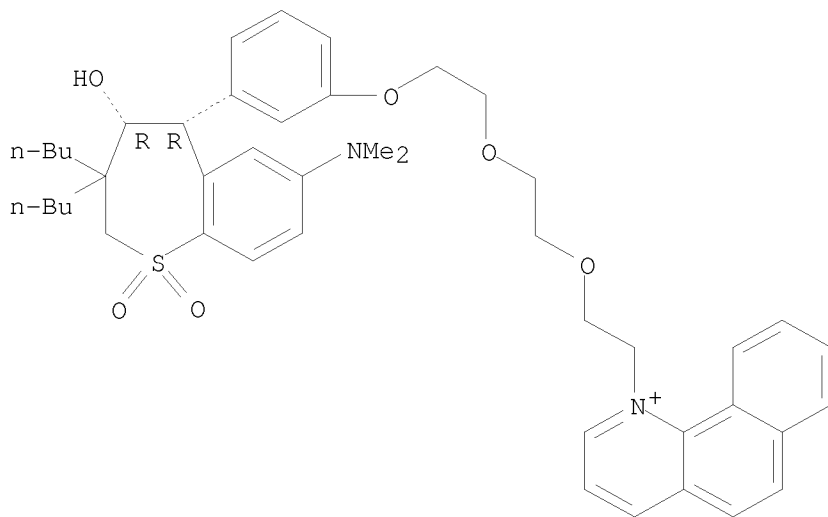
10/590,458



RN 197373-97-0 CAPLUS
CN Benzo[h]quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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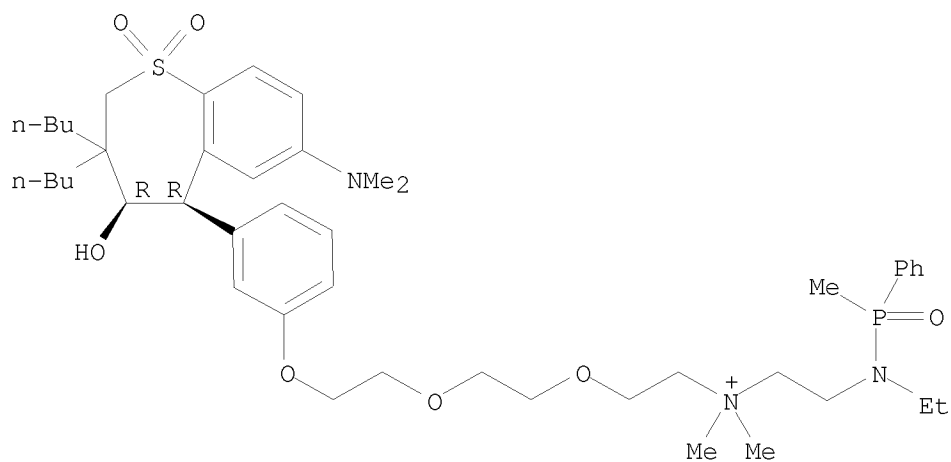


RN 197373-99-2 CAPLUS

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CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(methylphenylphosphinyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

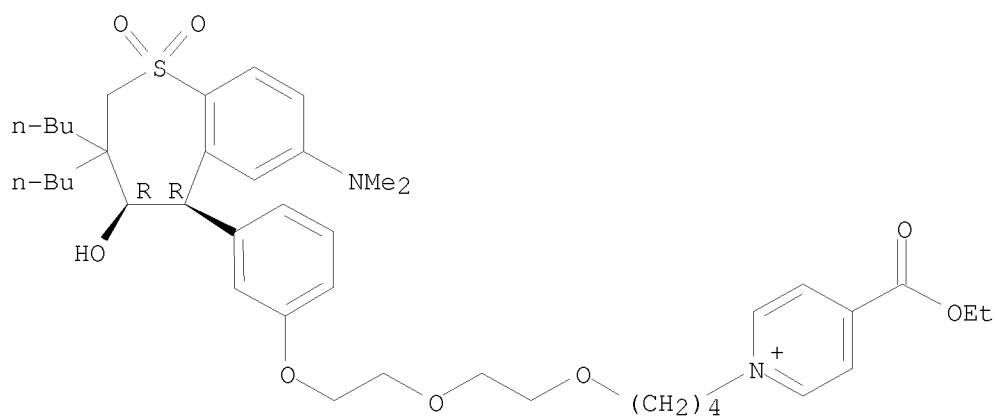
Relative stereochemistry.



RN 197374-00-8 CAPLUS

CN Pyridinium, 1-[4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]butyl]-4-(ethoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

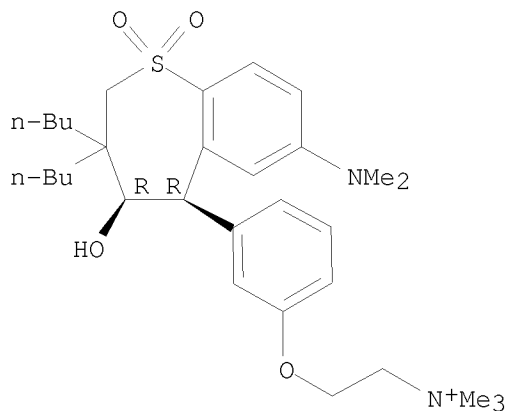


10/590,458

RN 197374-01-9 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

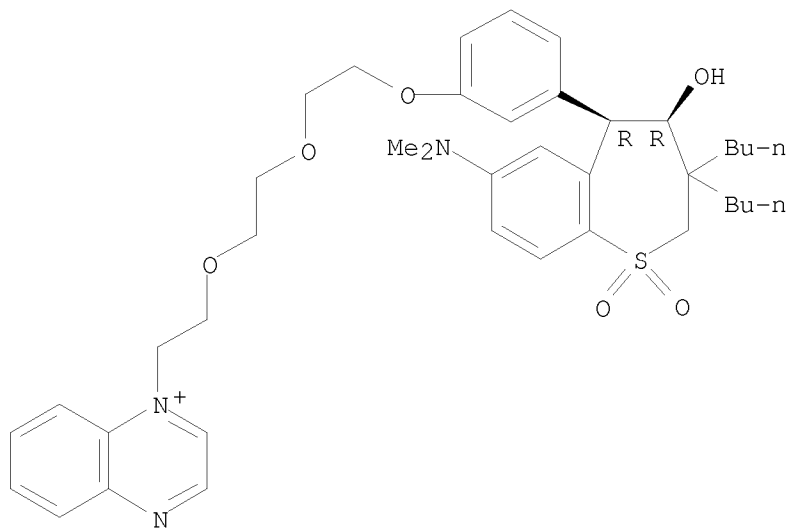


RN 197374-02-0 CAPLUS

CN Quinoxalinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

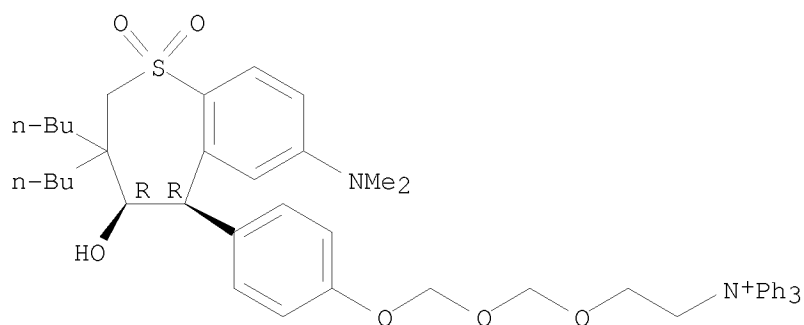
PAGE 1-A





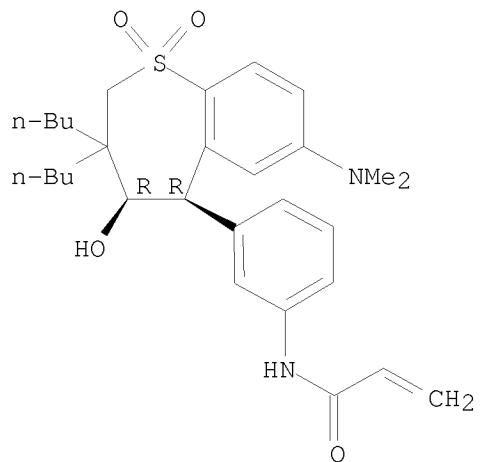
RN 197374-03-1 CAPLUS
 CN Benzenaminium, N-[2-[[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diphenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-04-2 CAPLUS
 CN 2-Propenamide, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



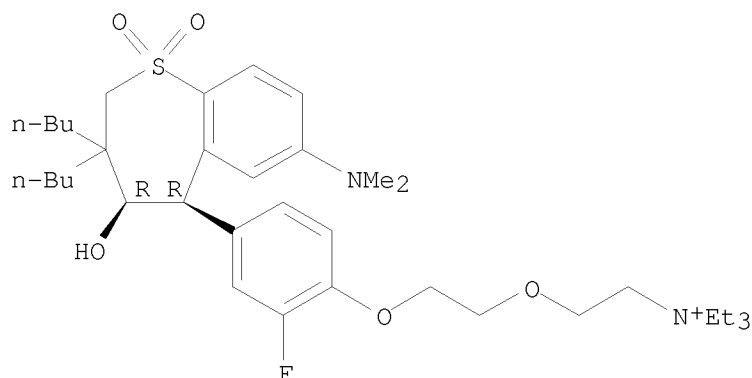
10/590,458

RN 197374-06-4 CAPLUS
CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

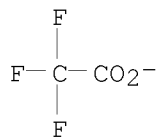
CRN 197374-05-3
CMF C36 H58 F N2 O5 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2



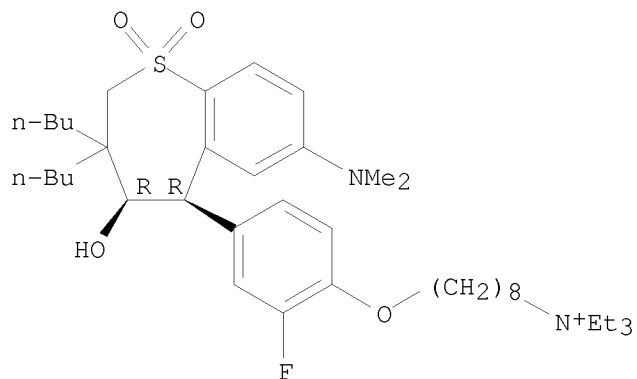
RN 197374-08-6 CAPLUS
CN 1-Octanaminium, 8-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-07-5
CMF C40 H66 F N2 O4 S

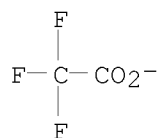
Relative stereochemistry.

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CM 2

CRN 14477-72-6
CMF C2 F3 O2

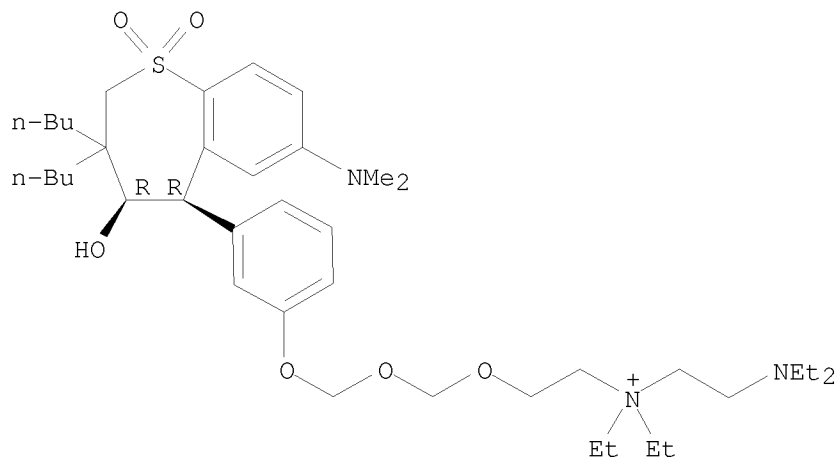


RN 197374-09-7 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

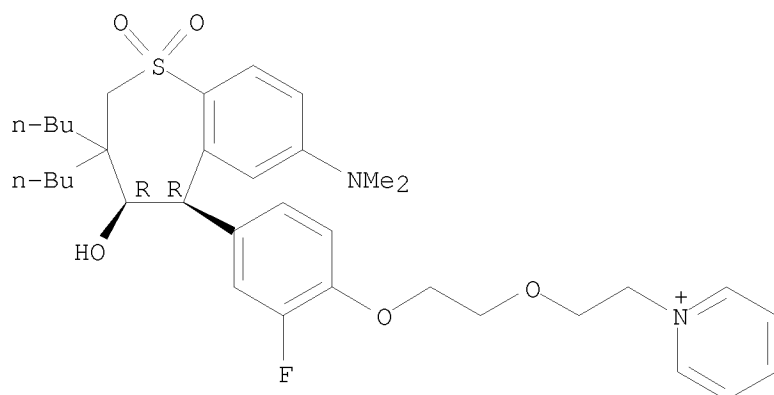
10/590,458



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RN 197374-10-0 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



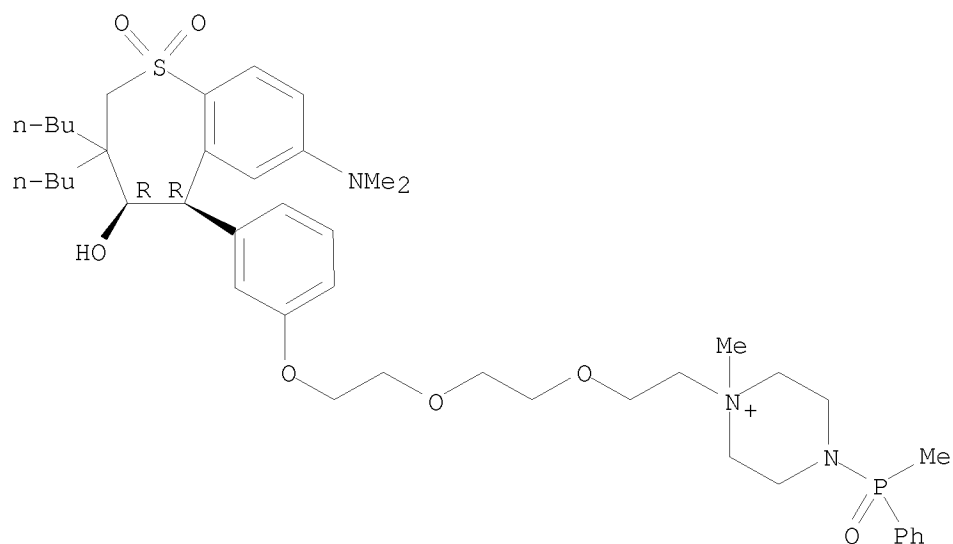
● Br⁻

RN 197374-11-1 CAPLUS
CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(methylphenylphosphinyl)-, iodide (1:1), rel- (CA INDEX NAME)

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Relative stereochemistry.

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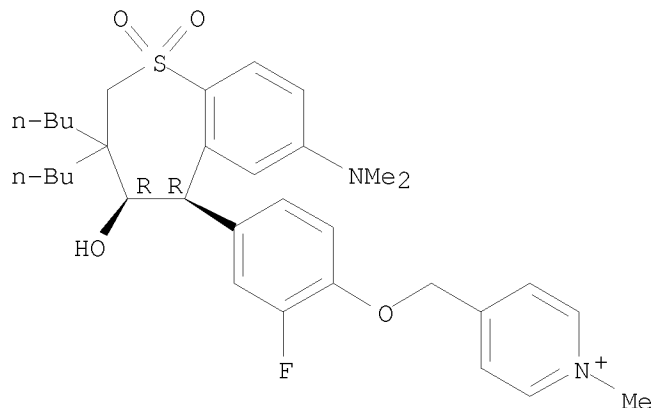
RN 197374-13-3 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-12-2
CMF C33 H44 F N2 O4 S

Relative stereochemistry.

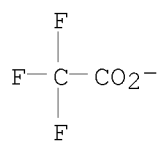
10/590,458



CM 2

CRN 14477-72-6

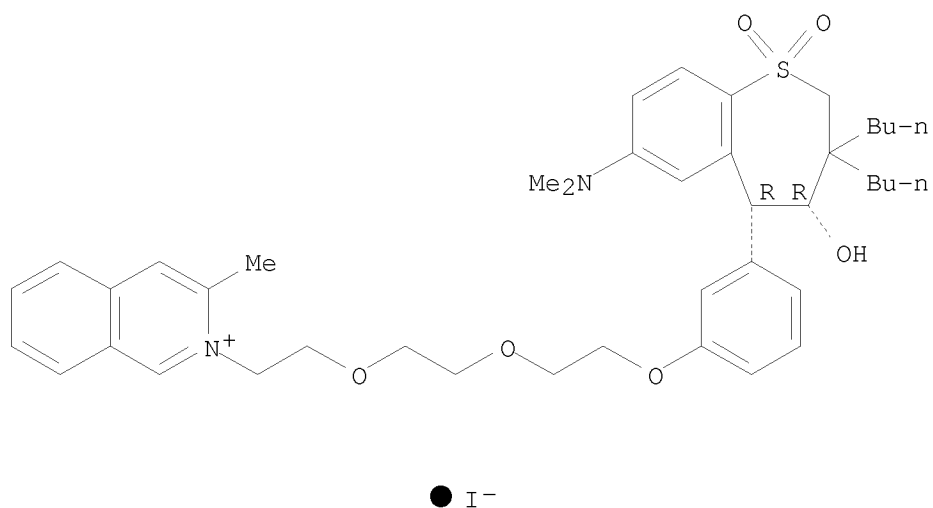
CMF C2 F3 O2



RN 197374-14-4 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

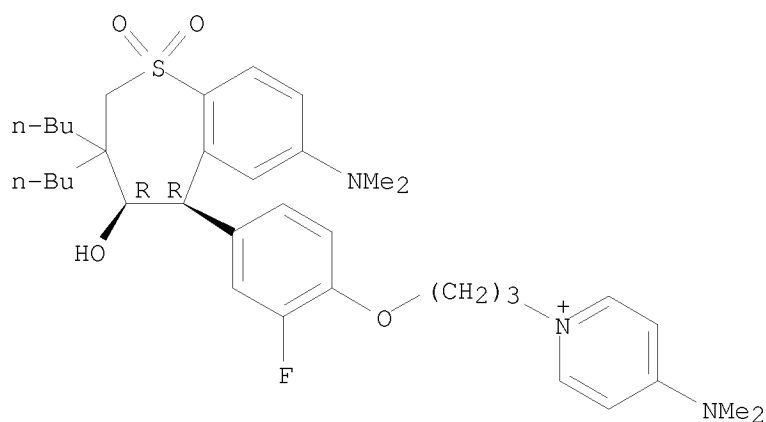


RN 197374-16-6 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-15-5
 CMF C36 H51 F N3 O4 S

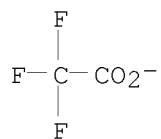
Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

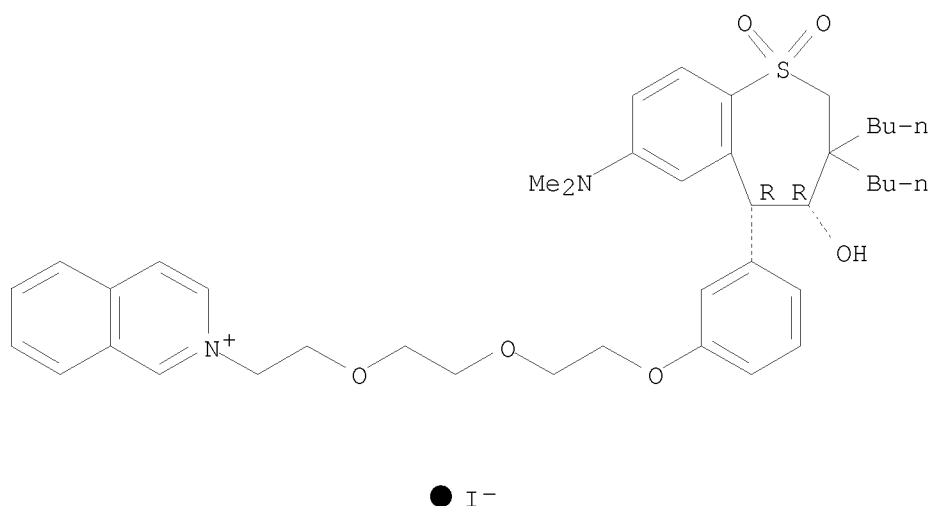
10/590,458



RN 197374-17-7 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

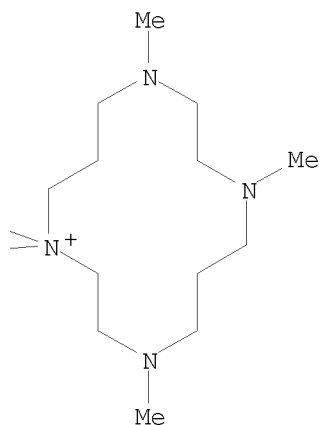
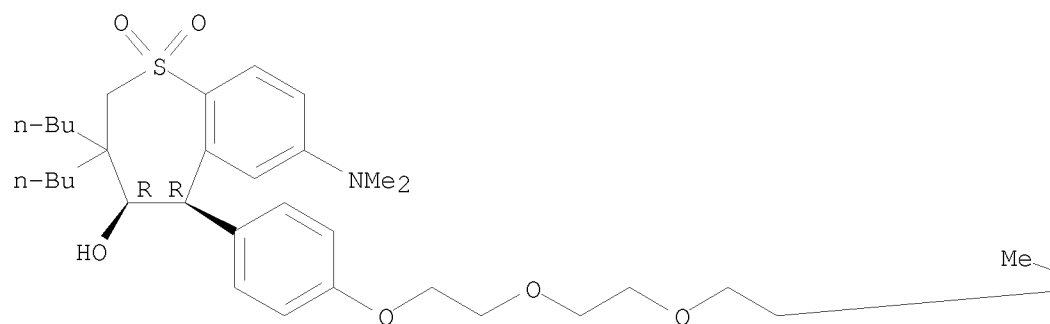
Relative stereochemistry.



RN 197374-18-8 CAPLUS

CN 4,8,11-Triaza-1-azoniacyclotetradecane, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4,8,11-tetramethyl-, iodide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

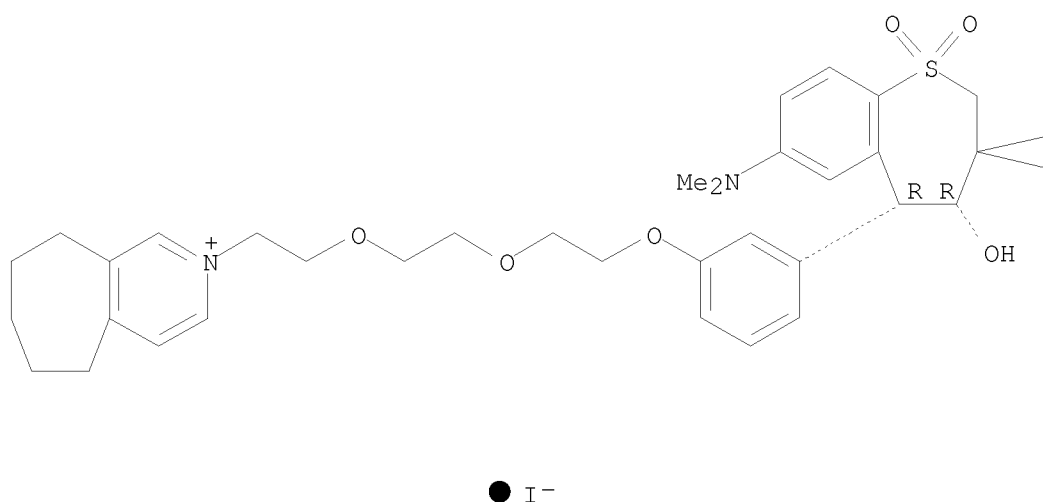


RN 197374-19-9 CAPLUS

CN 5H-Cyclohepta[c]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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— Bu-n

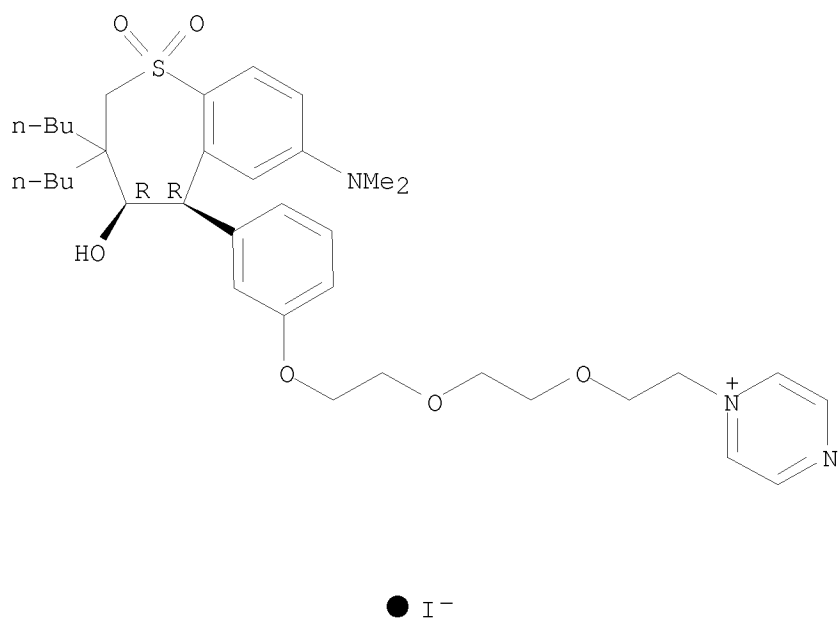
— Bu-n

RN 197374-20-2 CAPLUS

CN Pyrazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

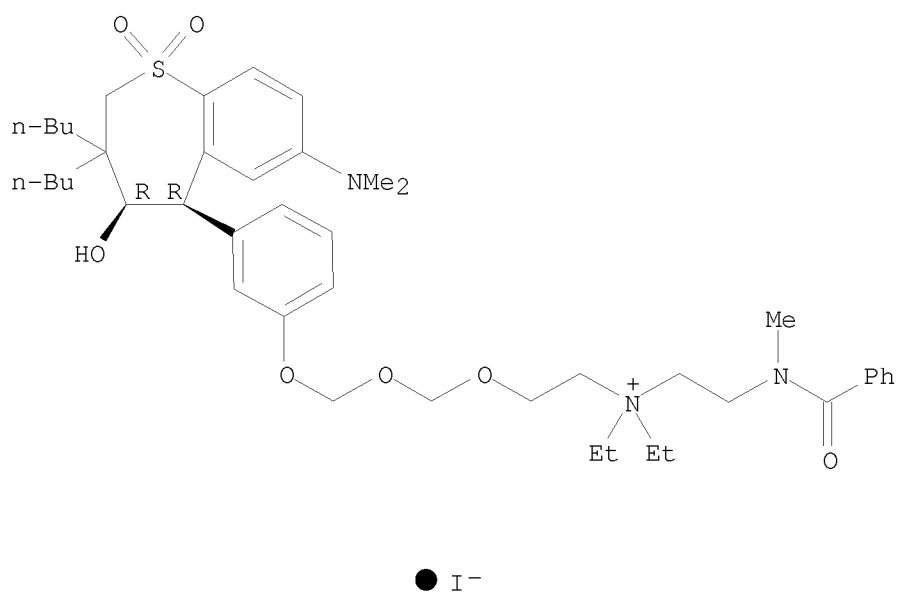
10/590,458



RN 197374-21-3 CAPLUS

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

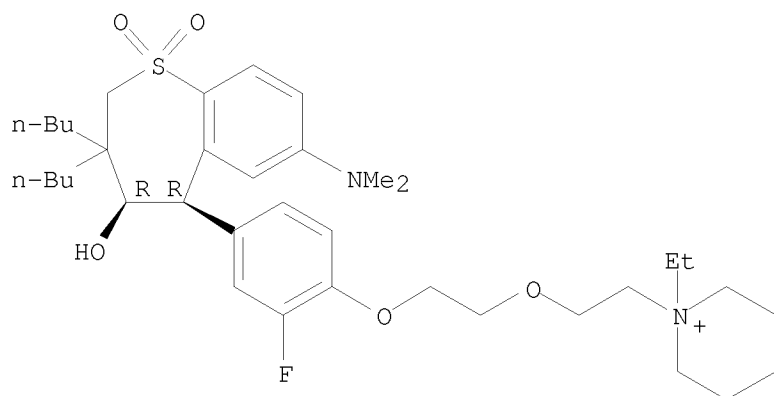


RN 197374-22-4 CAPLUS

10/590,458

CN Piperidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

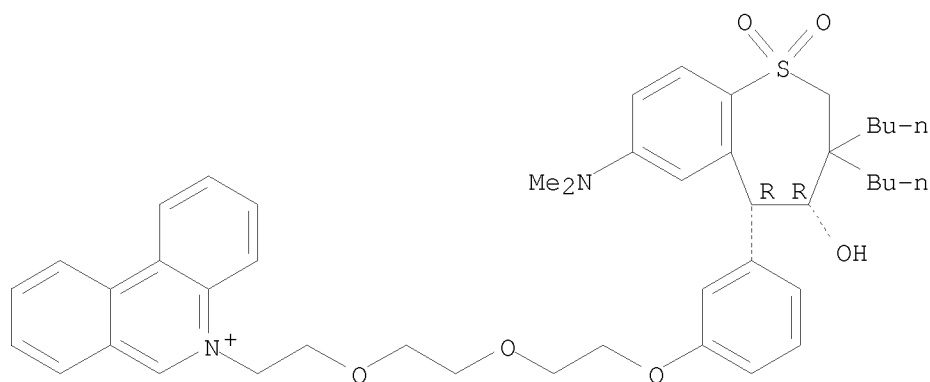


● Br⁻

RN 197374-29-1 CAPLUS

CN Phenanthridinium, 5-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

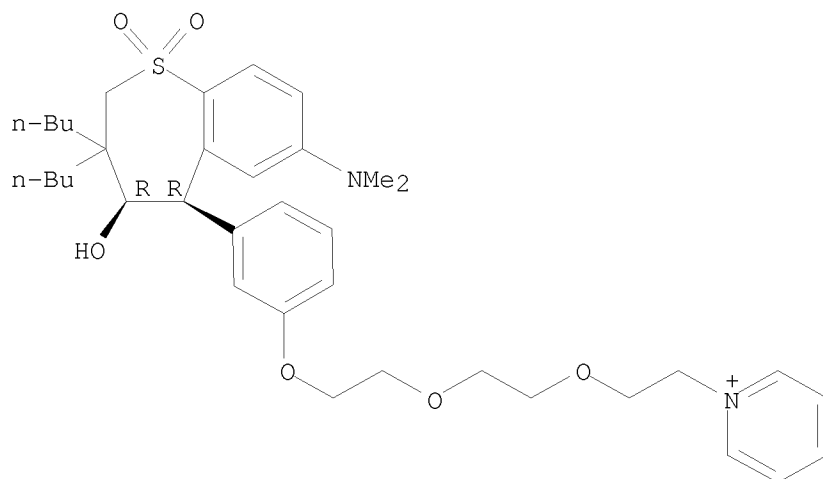
RN 197374-31-5 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

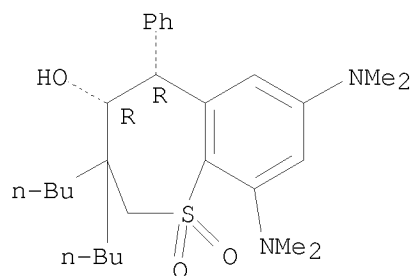
Relative stereochemistry.



RN 197374-32-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-34-8 CAPLUS

CN 1H-Imidazolium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

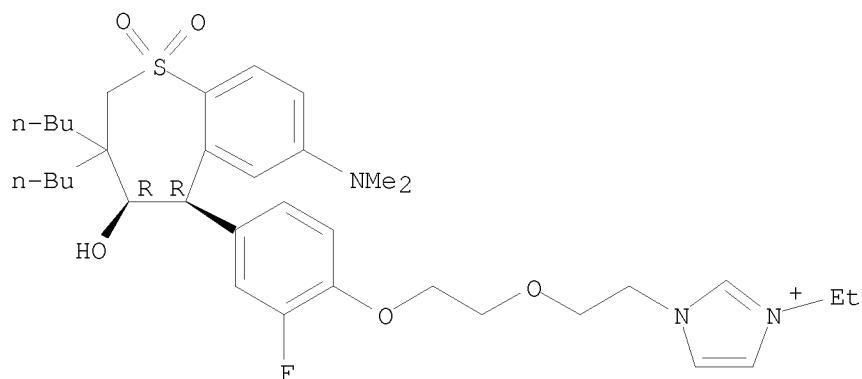
CM 1

CRN 197374-33-7

CMF C35 H51 F N3 O5 S

10/590,458

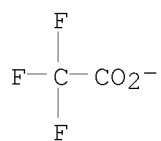
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

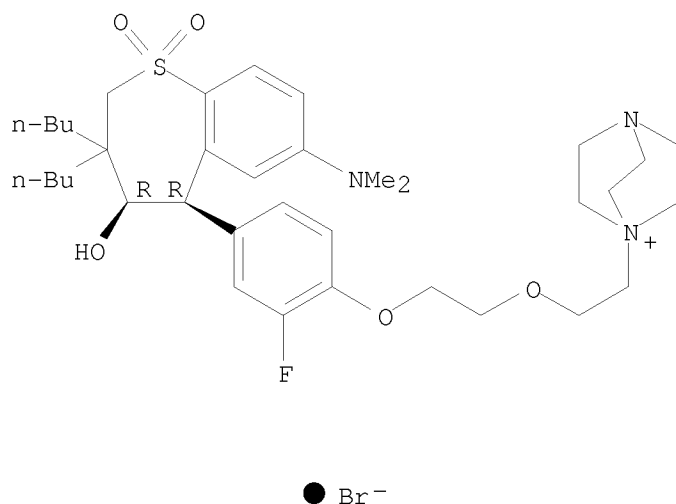


RN 197374-37-1 CAPLUS

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-,
bromide (1:1), rel- (CA INDEX NAME)

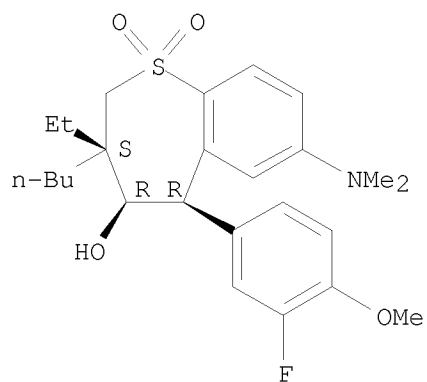
Relative stereochemistry.

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RN 197374-38-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

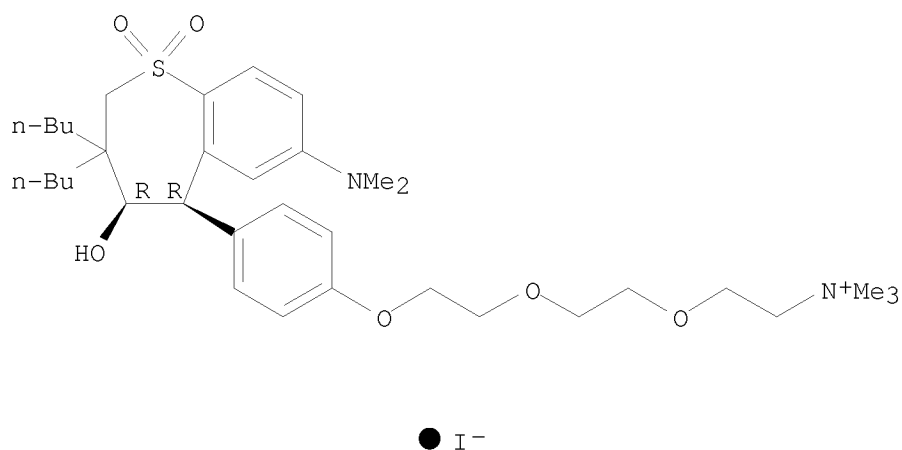
Relative stereochemistry.



RN 197374-39-3 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

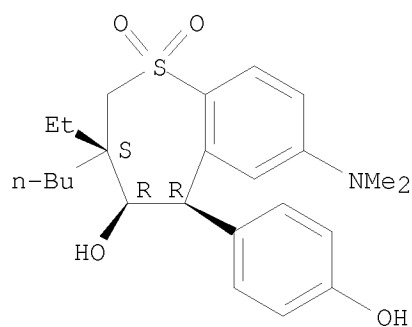
Relative stereochemistry.

10/590,458



RN 197374-41-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

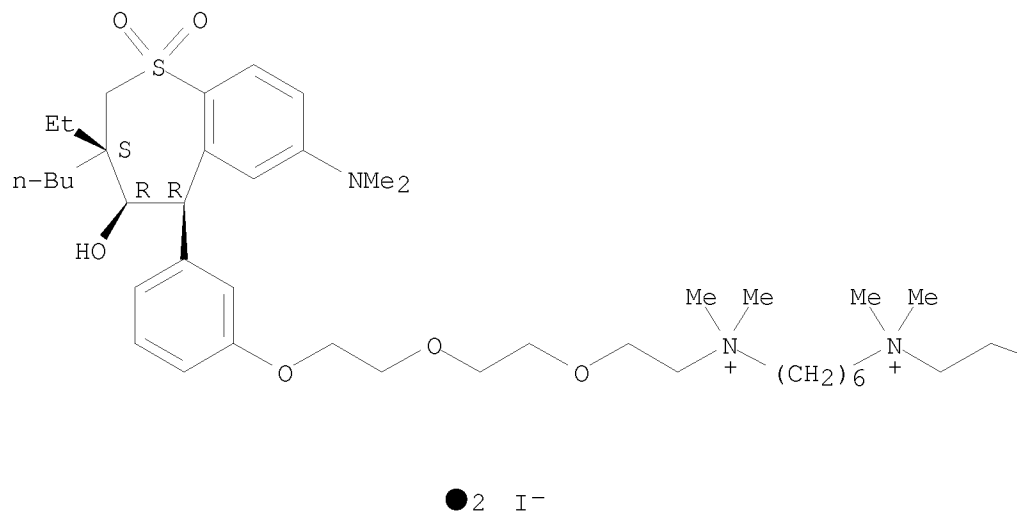
Relative stereochemistry.



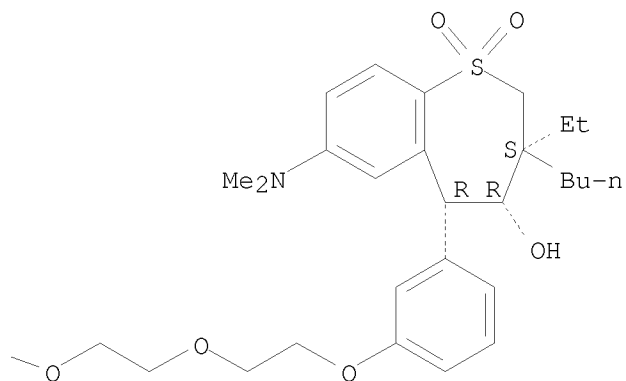
RN 197374-42-8 CAPLUS
CN 1,6-Hexanediaminium, N1,N6-bis[2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N6,N6-tetramethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

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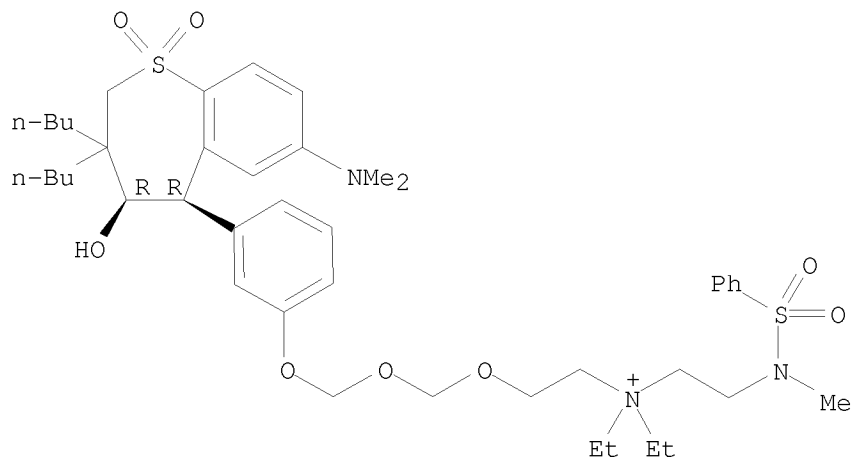


RN 197374-43-9 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

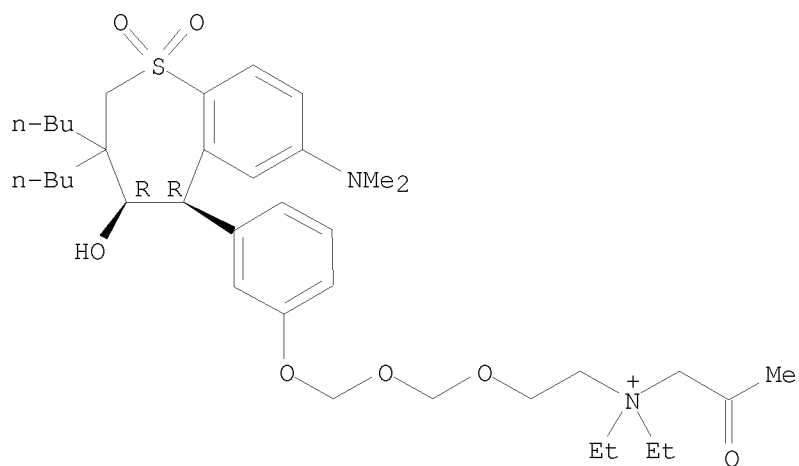
10/590,458



● I⁻

RN 197374-44-0 CAPLUS
 CN 1-Propanaminium, N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



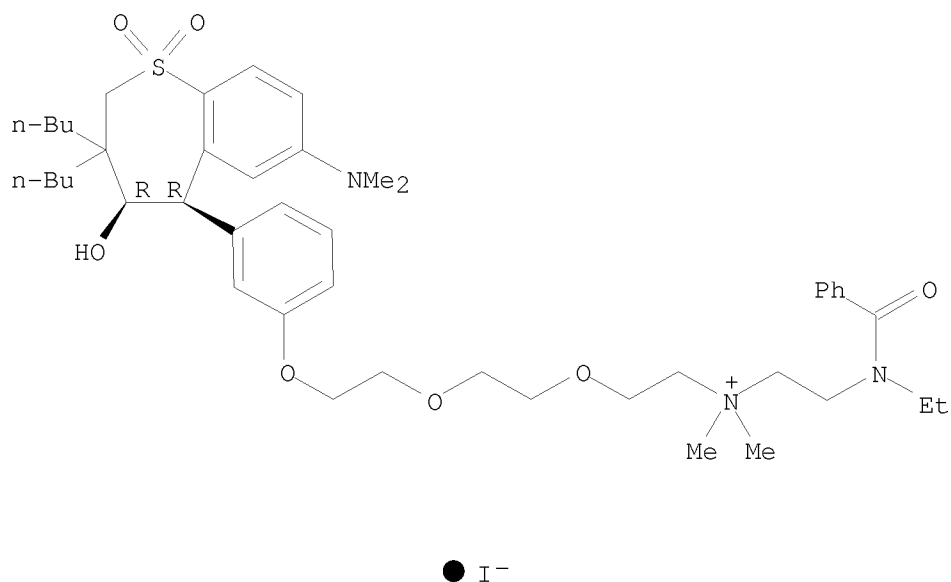
● I⁻

RN 197374-49-5 CAPLUS
 CN Ethanaminium, 2-(benzoyl-ethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

10/590,458

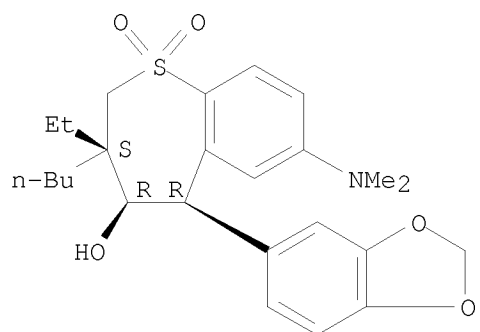
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-50-8 CAPLUS
CN 1-Benzothiepin-4-ol, 5-(1,3-benzodioxol-5-yl)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

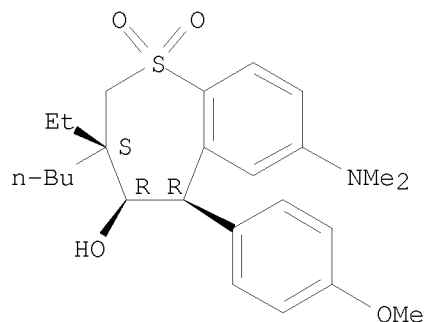
Relative stereochemistry.



RN 197374-51-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

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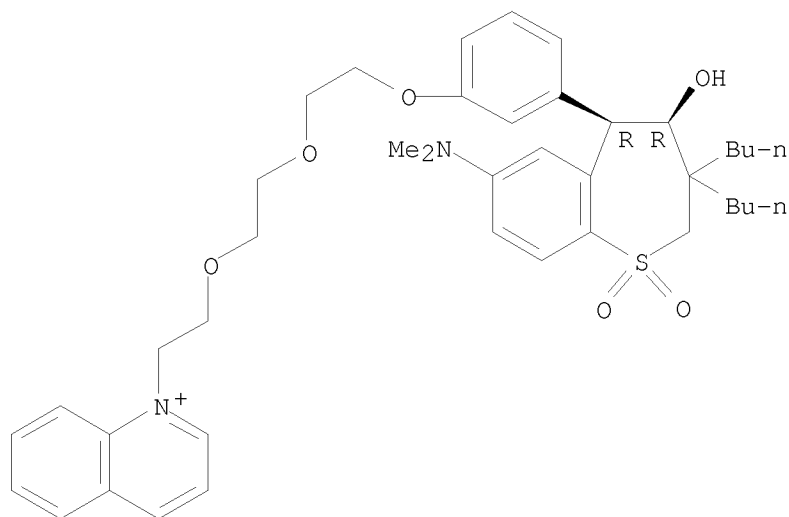


RN 197374-52-0 CAPLUS

CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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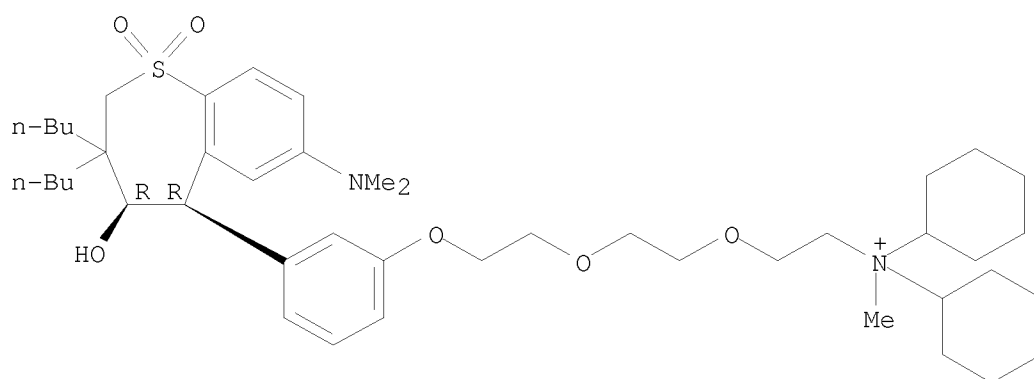


RN 197374-53-1 CAPLUS

CN Cyclohexanaminium, N-cyclohexyl-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-, iodide (1:1), rel- (CA INDEX NAME)

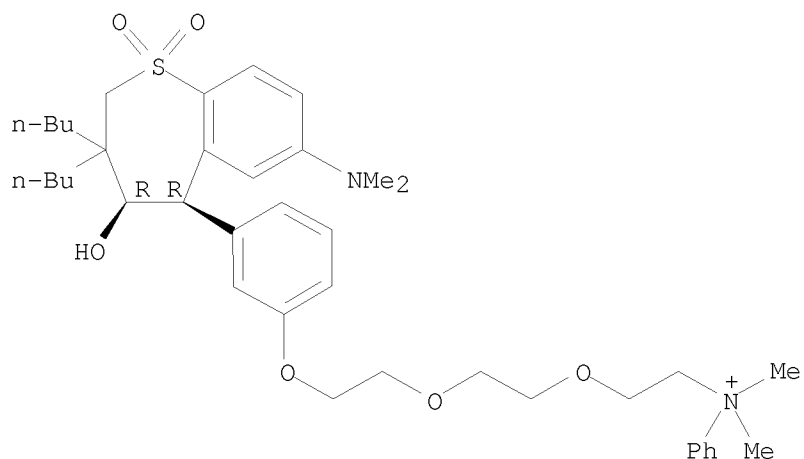
Relative stereochemistry.

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RN 197374-54-2 CAPLUS
CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

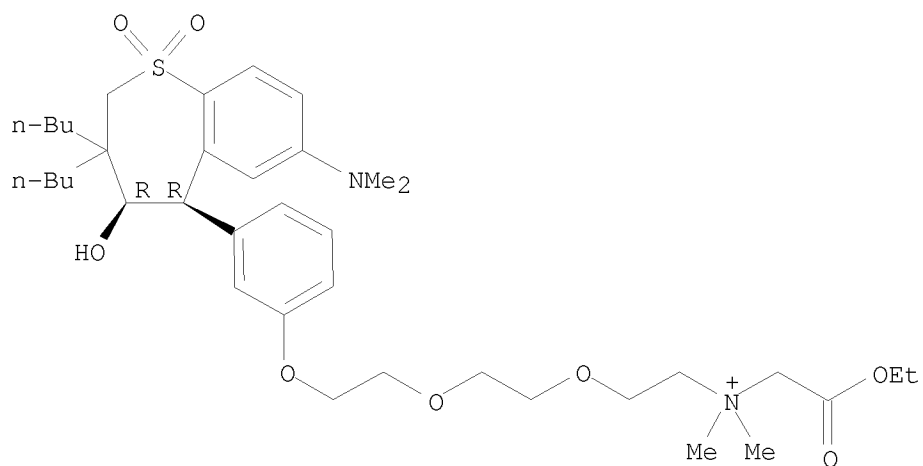
Relative stereochemistry.



RN 197374-55-3 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-ethoxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

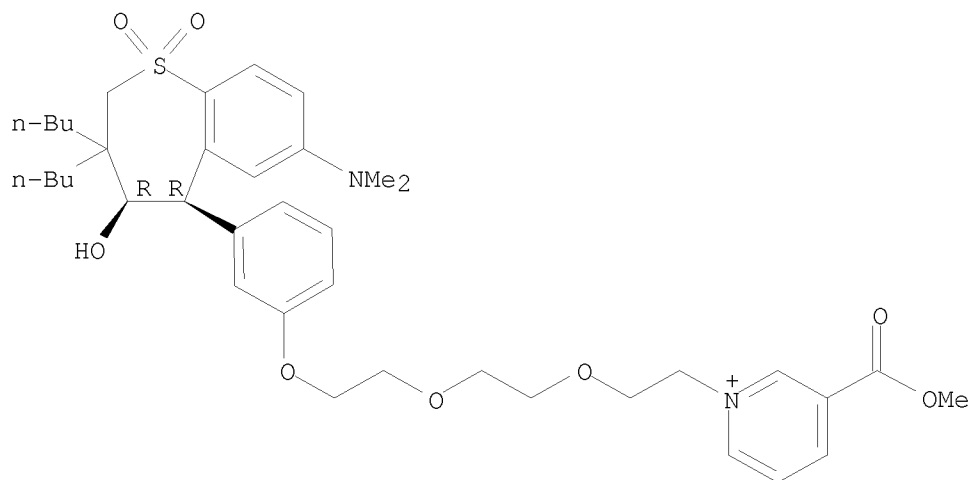
10/590,458



● I^-

RN 197374-56-4 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-3-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



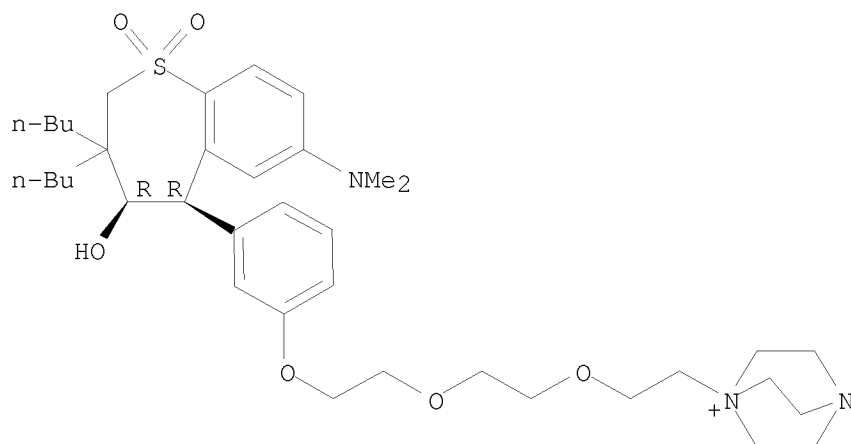
● I^-

RN 197374-57-5 CAPLUS

10/590,458

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-,
iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



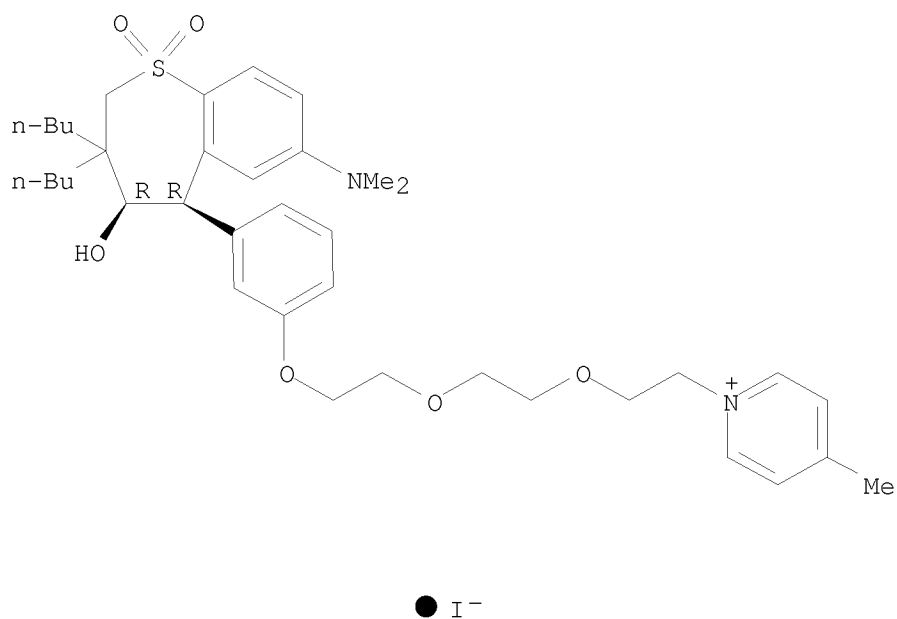
● I⁻

RN 197374-58-6 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX
NAME)

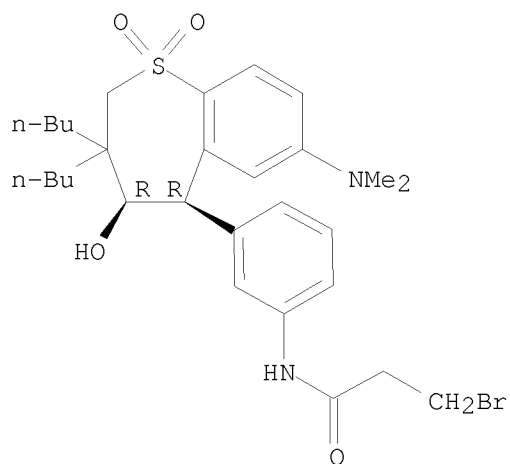
Relative stereochemistry.

10/590,458



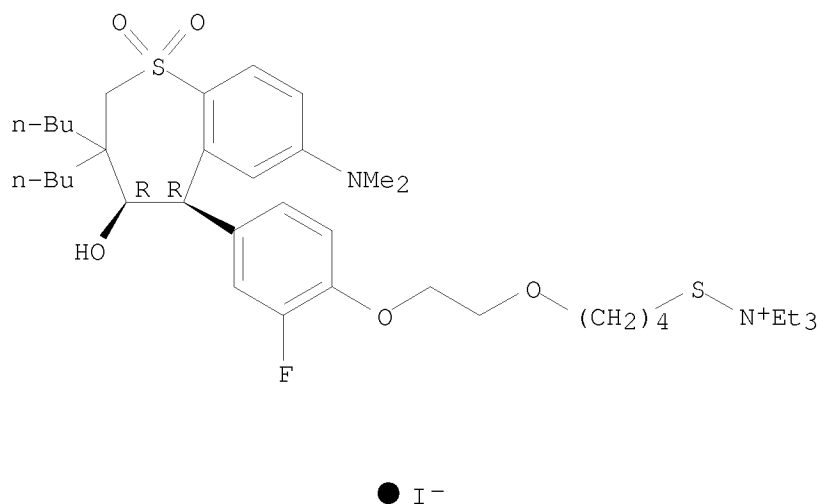
RN 197374-59-7 CAPLUS
CN Propanamide, 3-bromo-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-60-0 CAPLUS
CN Ethanaminium, N-[[4-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]butyl]thio]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

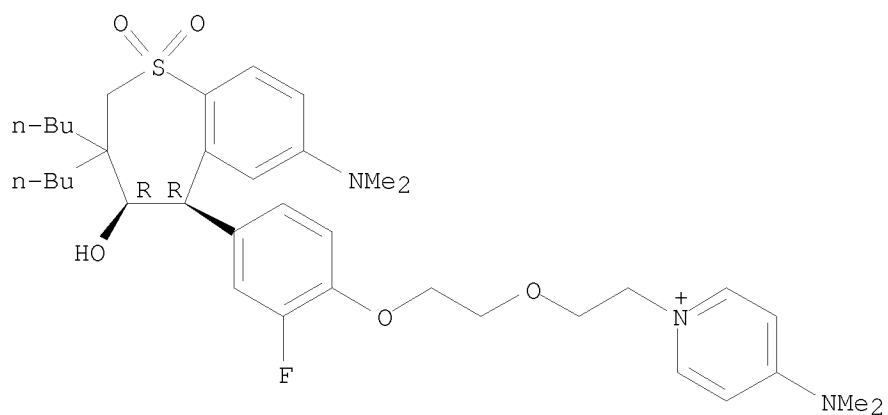


RN 197374-62-2 CAPLUS
 CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-61-1
 CMF C37 H53 F N3 O5 S

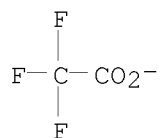
Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

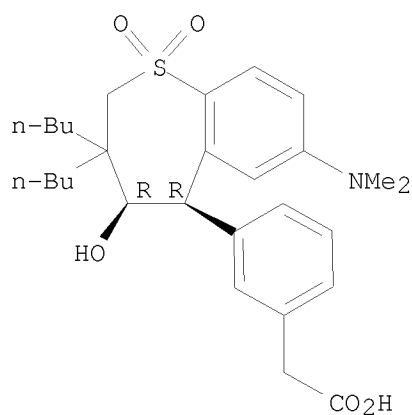
10/590,458



RN 197374-63-3 CAPLUS

CN Benzeneacetic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

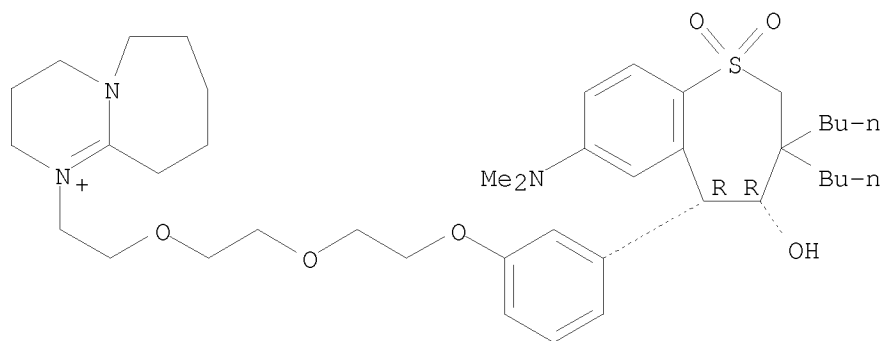
Relative stereochemistry.



RN 197374-65-5 CAPLUS

CN Pyrimido[1,2-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,3,4,6,7,8,9,10-octahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

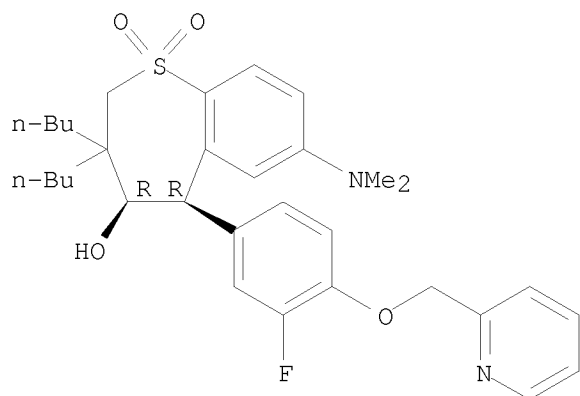


10/590,458

RN 197374-68-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(2-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel-
(CA INDEX NAME)

Relative stereochemistry.

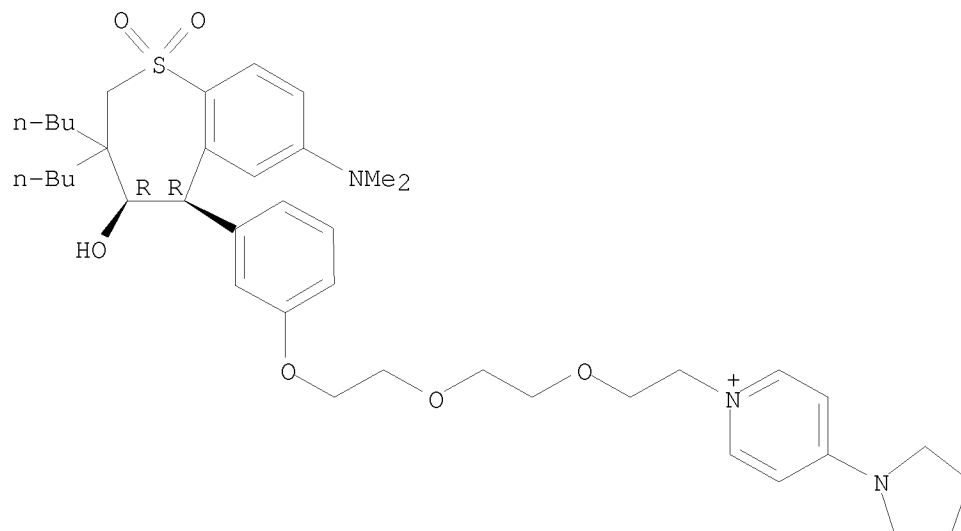


RN 197374-69-9 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-pyrrolidinyl)-, iodide (1:1), rel-
(CA INDEX NAME)

Relative stereochemistry.

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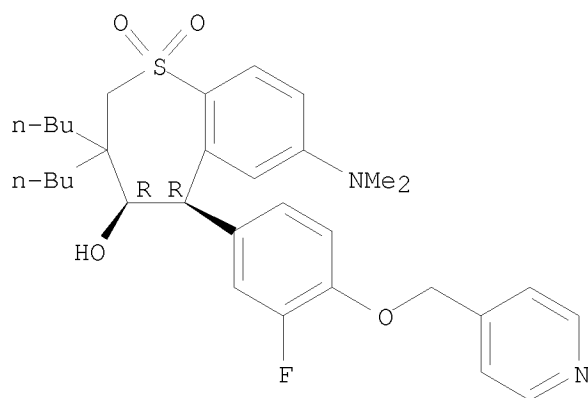




RN 197374-73-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(4-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

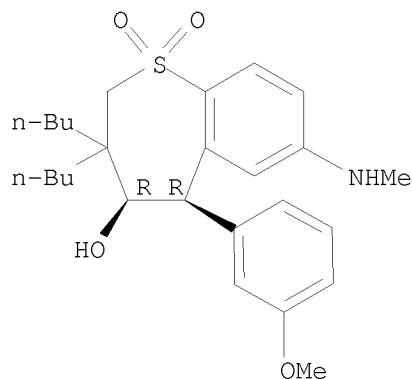
Relative stereochemistry.



RN 197374-74-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

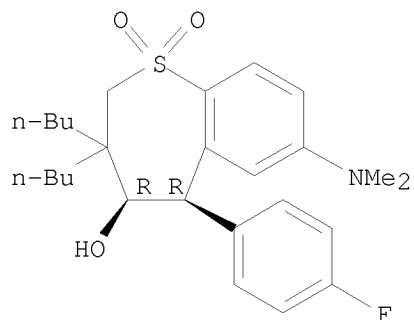


RN 197374-75-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

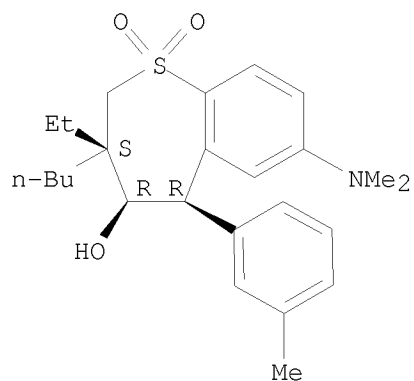
10/590,458



RN 197374-76-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

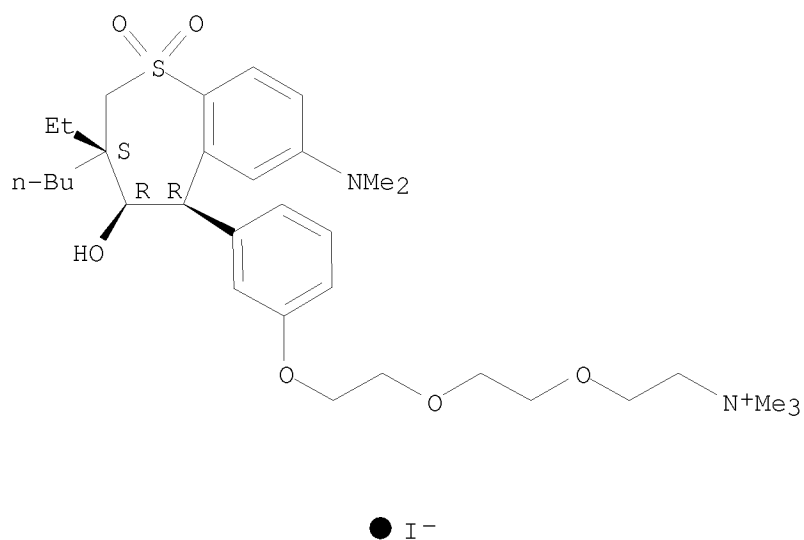


RN 197374-77-9 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

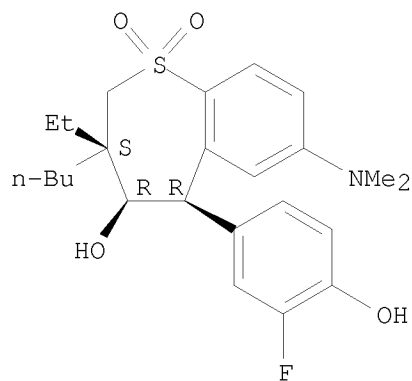
Relative stereochemistry.

10/590,458



RN 197374-78-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

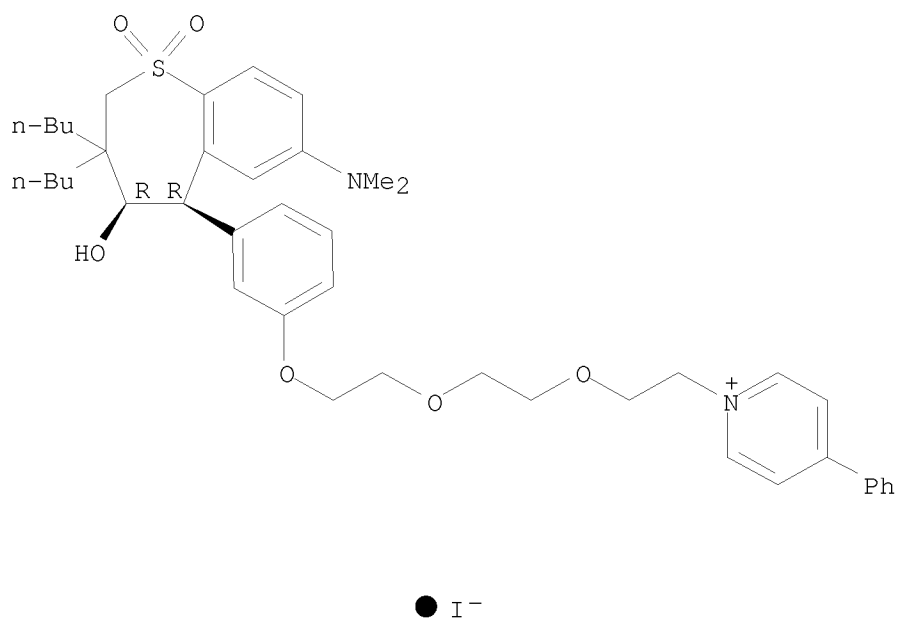
Relative stereochemistry.



RN 197374-79-1 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

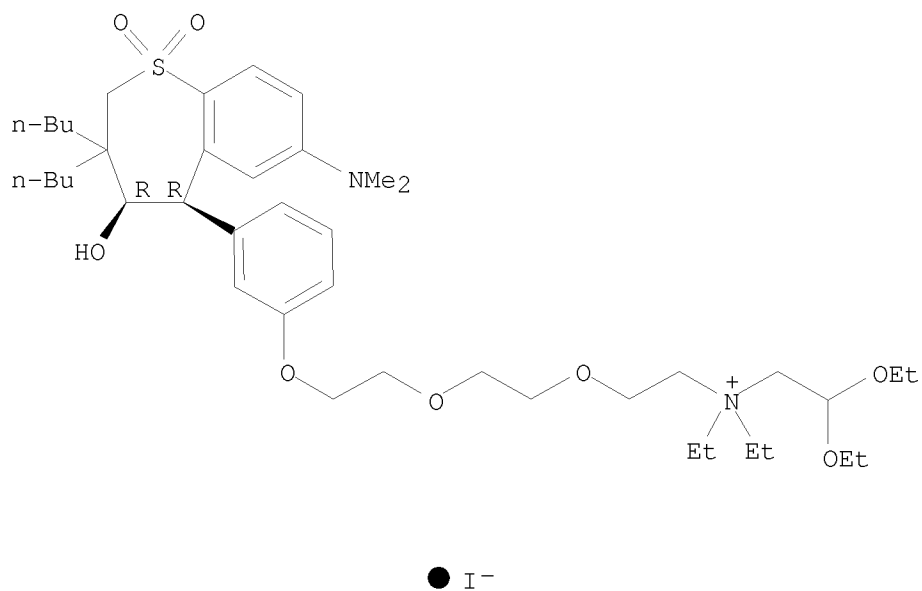
Relative stereochemistry.

10/590,458



RN 197374-80-4 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,2-diethoxy-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



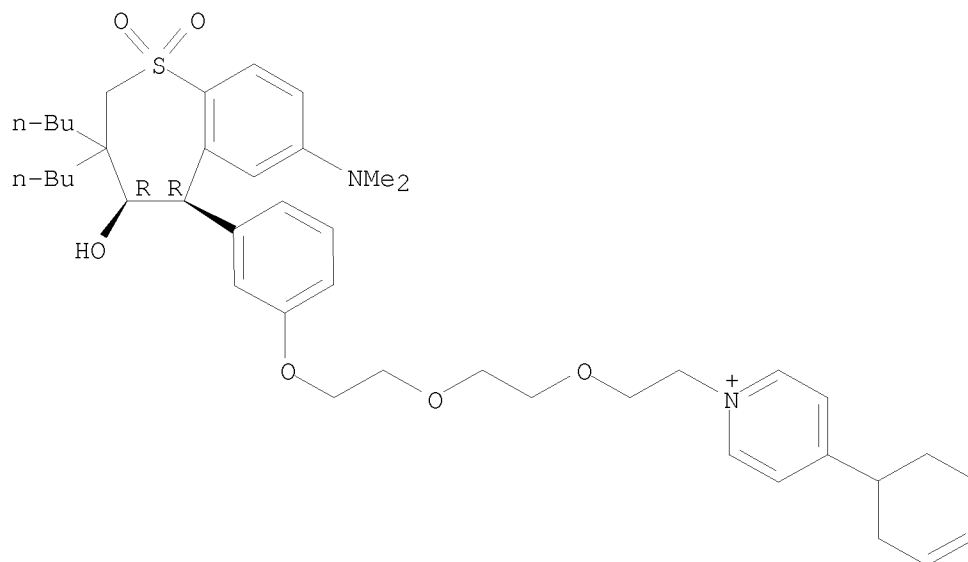
RN 197374-81-5 CAPLUS

10/590,458

CN Pyridinium, 4-(3-cyclohexen-1-yl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

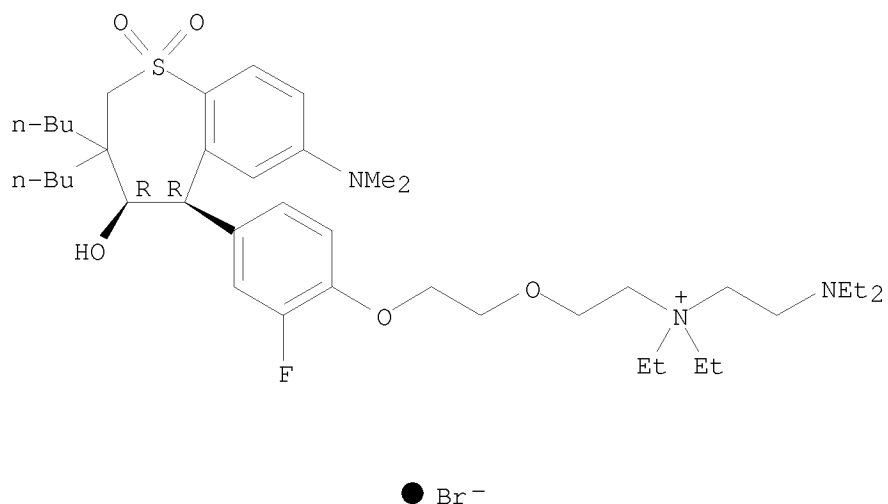


RN 197374-82-6 CAPLUS

CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, bromide (1:1), rel- (CA INDEX NAME)

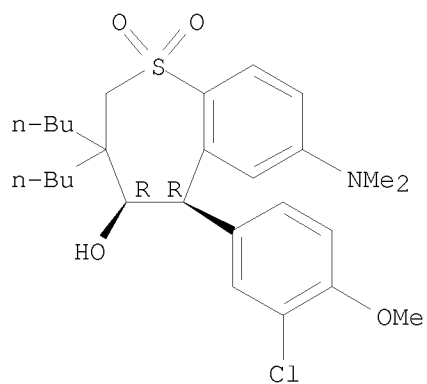
Relative stereochemistry.

10/590,458



RN 197374-83-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

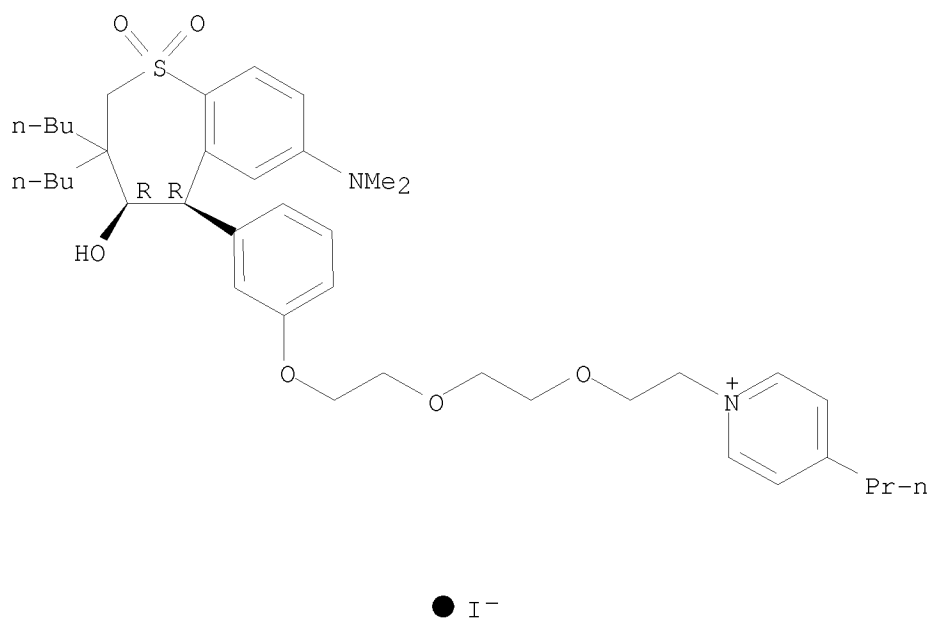
Relative stereochemistry.



RN 197374-85-9 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-propyl-, iodide (1:1), rel- (CA INDEX NAME)

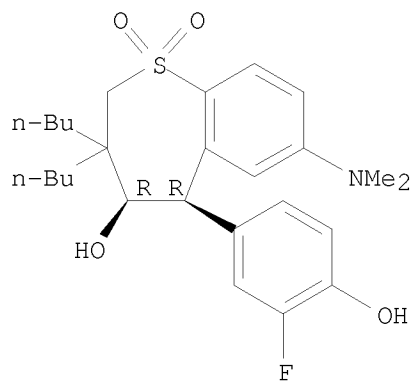
Relative stereochemistry.

10/590,458



RN 197374-86-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

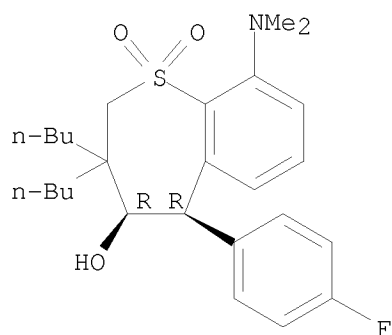
Relative stereochemistry.



RN 197374-87-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

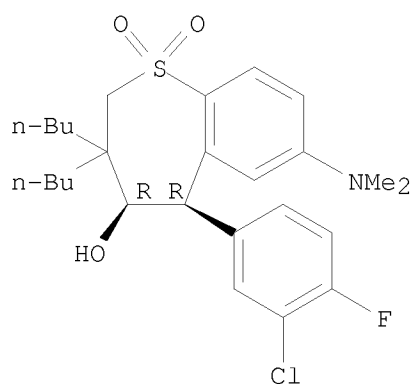
Relative stereochemistry.

10/590,458



RN 197374-88-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-fluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

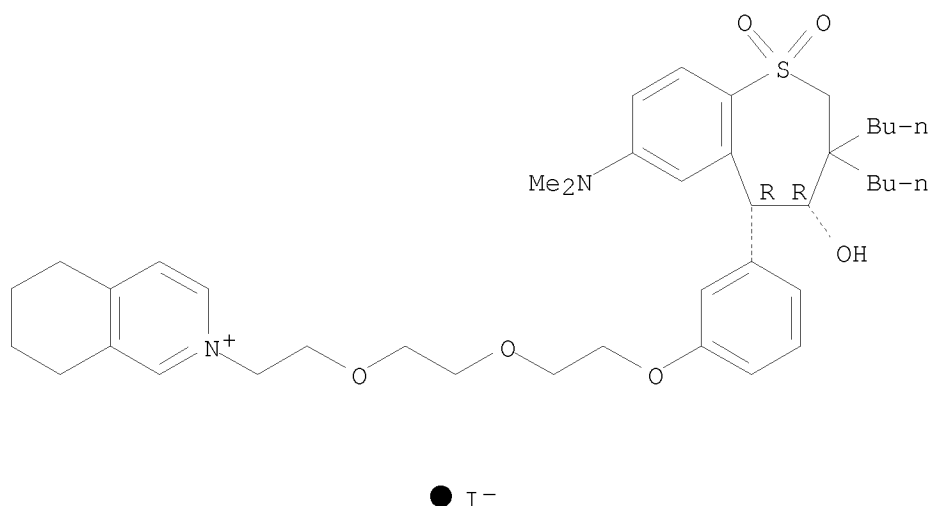
Relative stereochemistry.



RN 197374-89-3 CAPLUS
CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5,6,7,8-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

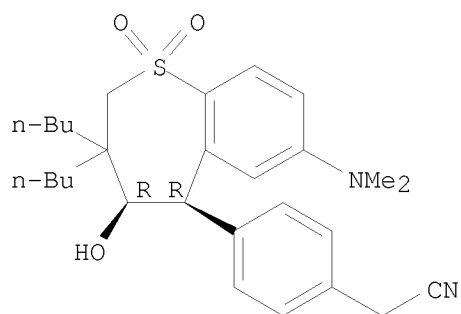
10/590,458



RN 197374-90-6 CAPLUS

CN Benzeneacetonitrile, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

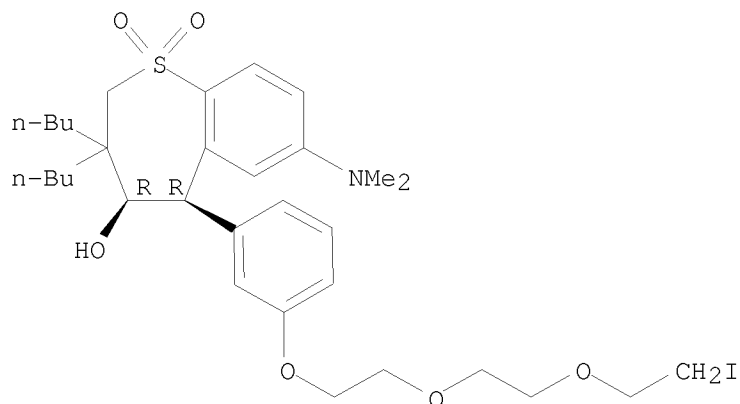


RN 197374-93-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

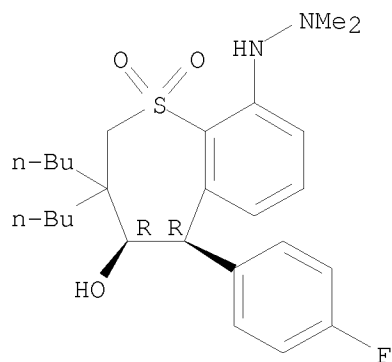
Relative stereochemistry.

10/590,458



RN 197374-94-0 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(2,2-dimethylhydrazinyl)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

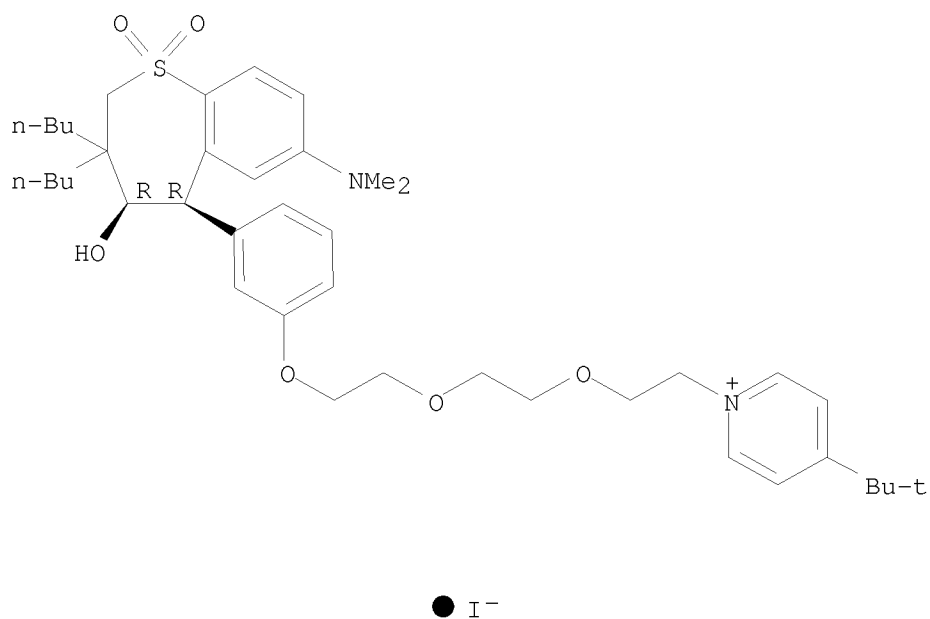
Relative stereochemistry.



RN 197374-95-1 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1,1-dimethylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

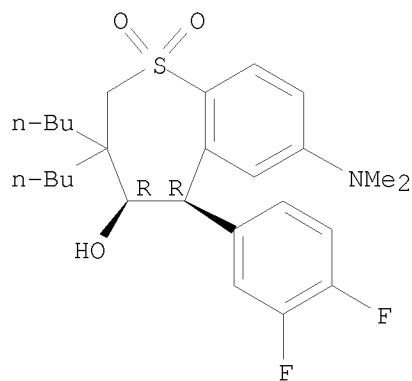
10/590,458



RN 197374-96-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-difluorophenyl)-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

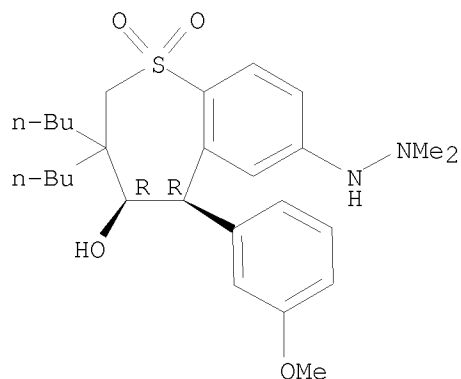


RN 197374-97-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(2,2-dimethylhydrazinyl)-2,3,4,5-
tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX
NAME)

Relative stereochemistry.

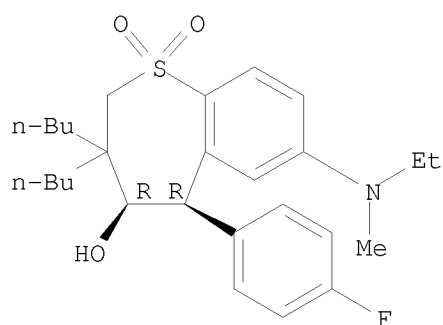
10/590,458



RN 197374-98-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

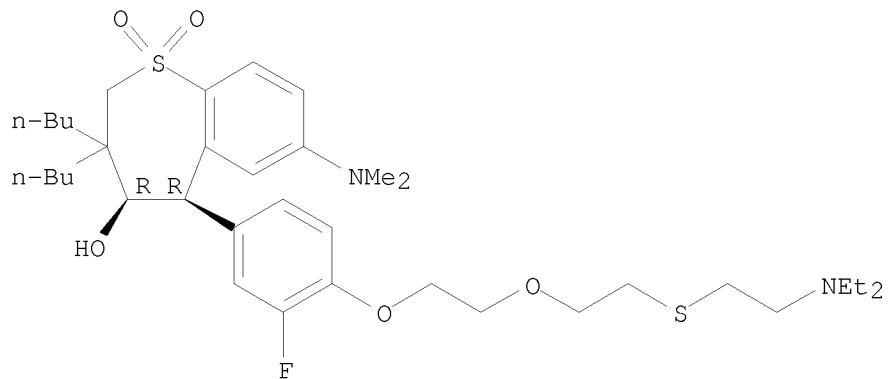
Relative stereochemistry.



RN 197374-99-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[[2-(diethylamino)ethyl]thio]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

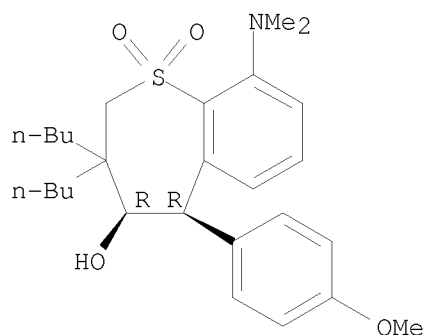


10/590,458

RN 197375-00-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

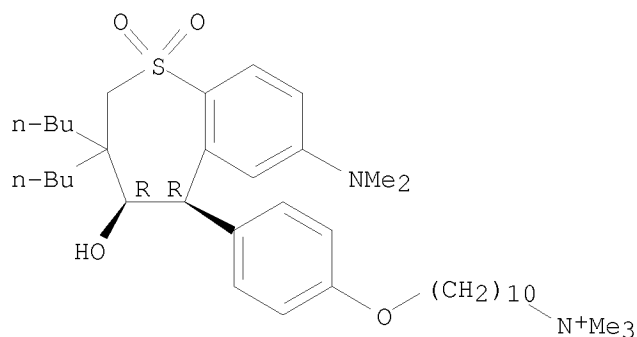
Relative stereochemistry.



RN 197375-01-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

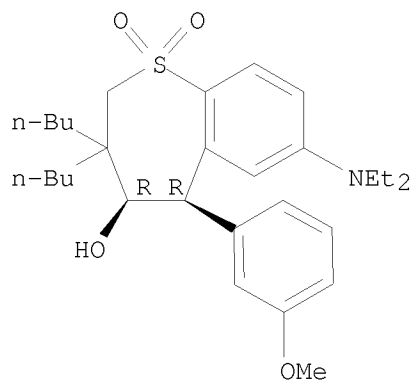


RN 197375-02-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

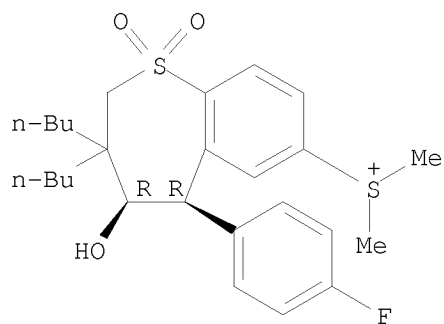
10/590,458



RN 197375-03-4 CAPLUS

CN Sulfonium, [(4R,5R)-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]dimethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



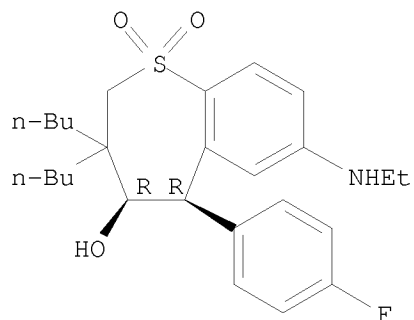
● F⁻

RN 197375-04-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

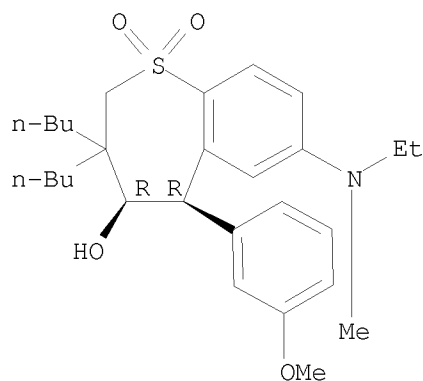
10/590,458



RN 197375-05-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylanino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

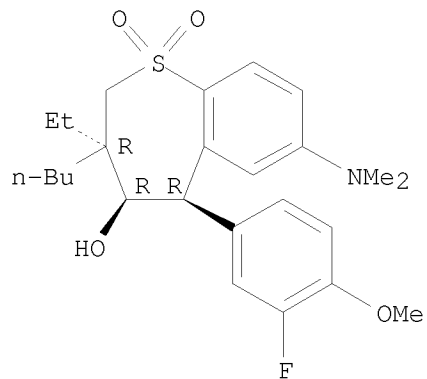
Relative stereochemistry.



RN 197375-06-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

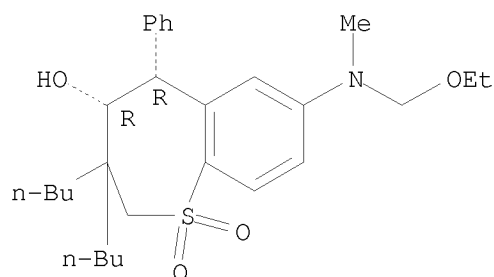


10/590,458

RN 197375-07-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(ethoxymethyl)methylamino]-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

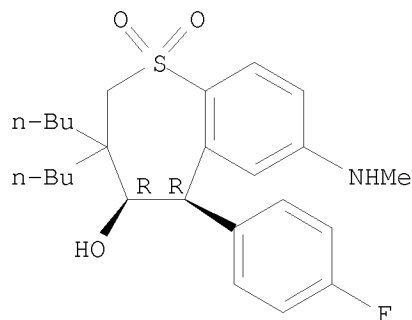
Relative stereochemistry.



RN 197375-08-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

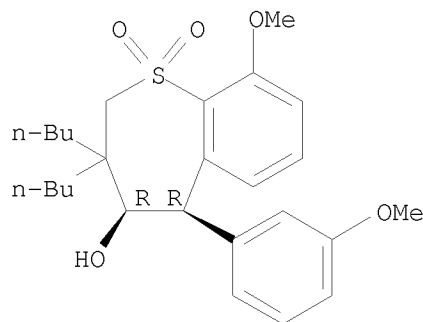
Relative stereochemistry.



RN 197375-09-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-9-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

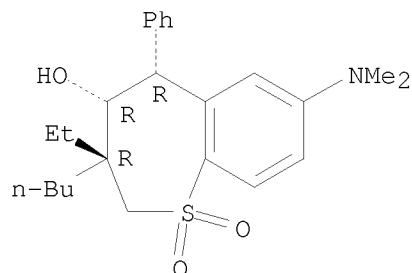


RN 197375-11-4 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

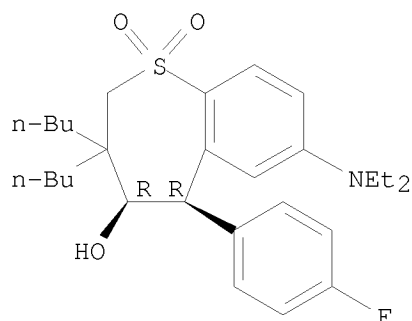
Relative stereochemistry.



RN 197375-12-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

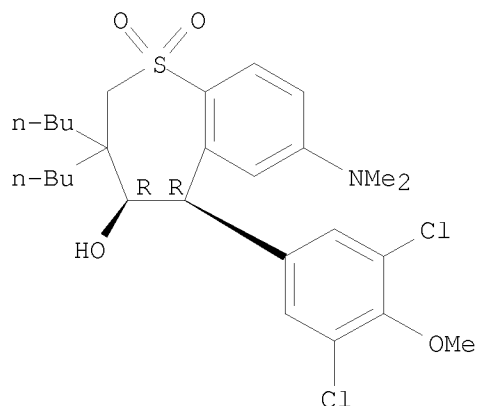


RN 197375-13-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

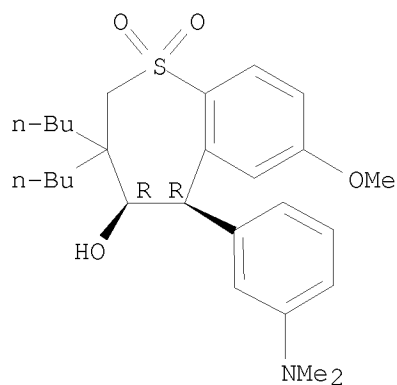
10/590,458



RN 197375-14-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

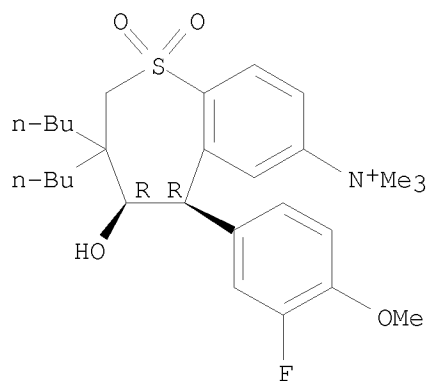


RN 197375-16-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

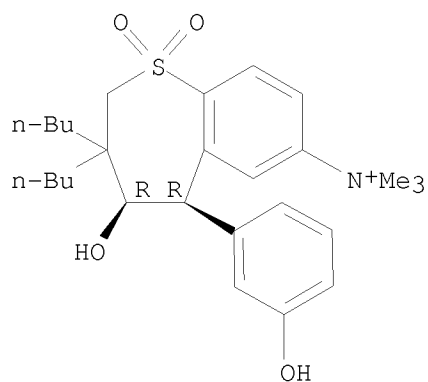
Relative stereochemistry.

10/590,458



RN 197375-17-0 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

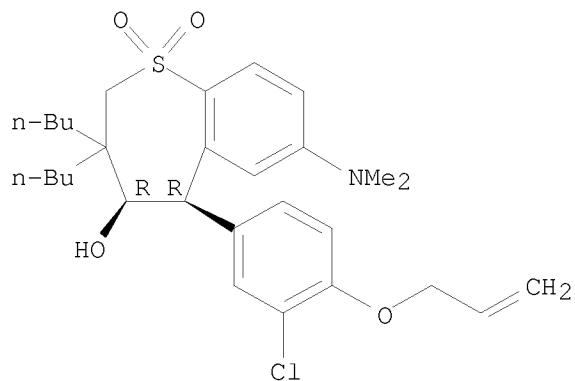
Relative stereochemistry.



RN 197375-20-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-chloro-4-(2-propen-1-yloxy)phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

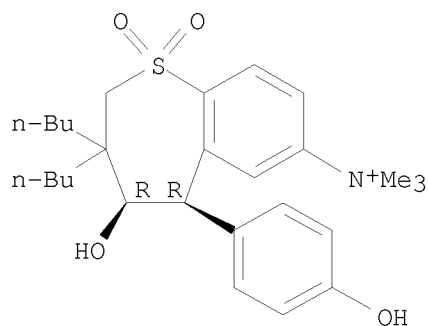
10/590,458



RN 197375-21-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

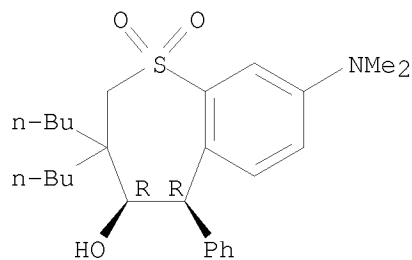
Relative stereochemistry.



RN 197375-22-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

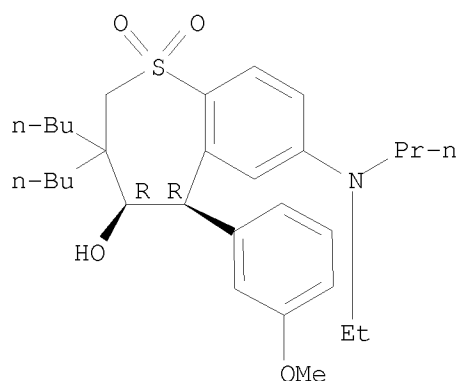


10/590,458

RN 197375-23-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

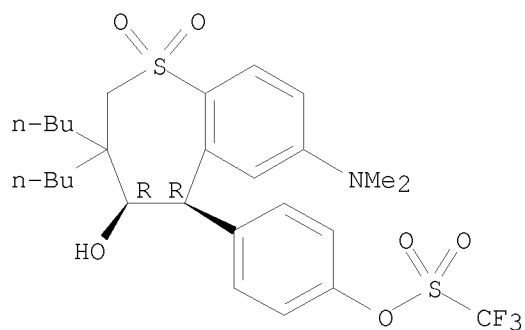
Relative stereochemistry.



RN 197375-24-9 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

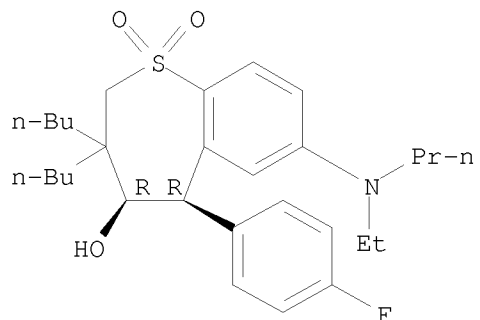


RN 197375-25-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

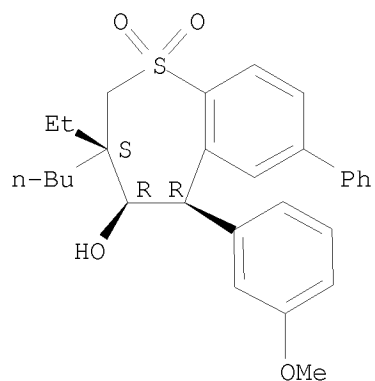
10/590,458



RN 197375-26-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

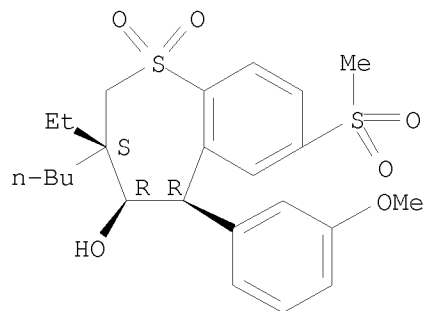
Relative stereochemistry.



RN 197375-28-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methanesulfonyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



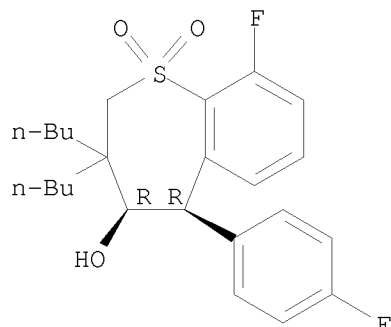
RN 197375-30-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

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tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

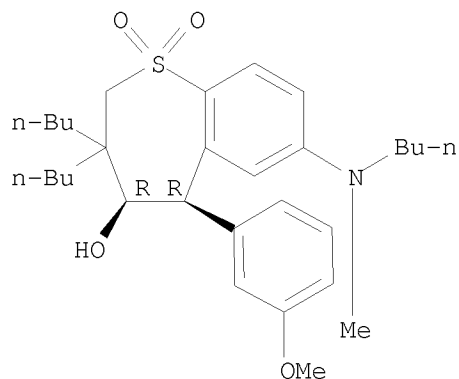
Relative stereochemistry.



RN 197375-32-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

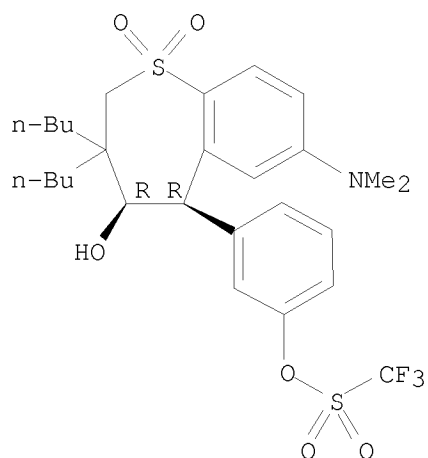


RN 197375-34-1 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

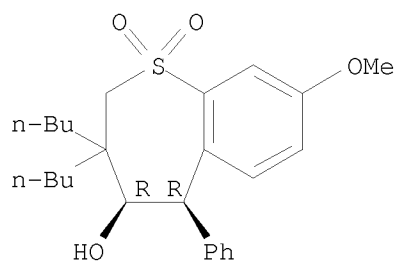
10/590,458



RN 197375-36-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

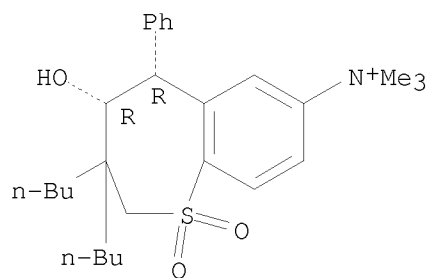


RN 197375-39-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-
trimethyl-5-phenyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX
NAME)

Relative stereochemistry.

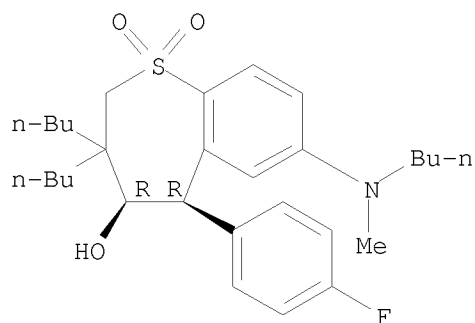
10/590,458



RN 197375-42-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

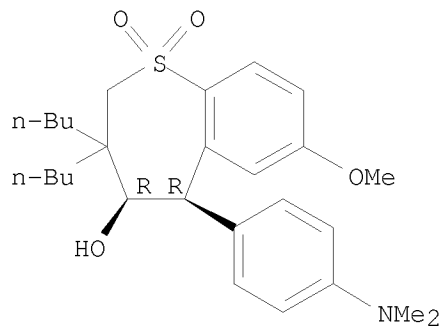
Relative stereochemistry.



RN 197375-44-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-
tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

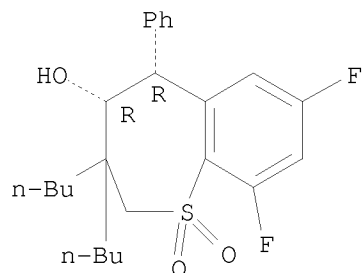


RN 197375-52-3 CAPLUS

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CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

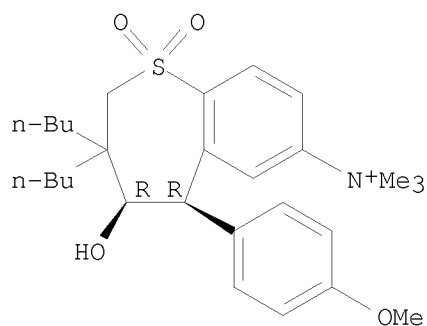
Relative stereochemistry.



RN 197375-57-8 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

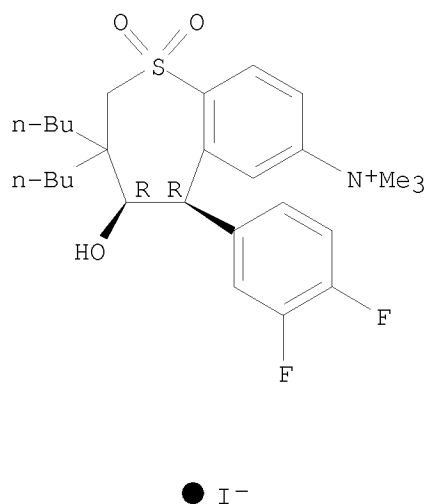


RN 197375-60-3 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3,4-difluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

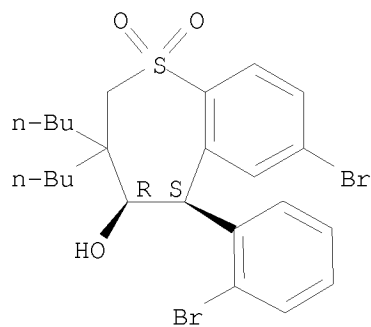
10/590,458



RN 197375-63-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-5-(2-bromophenyl)-3,3-dibutyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

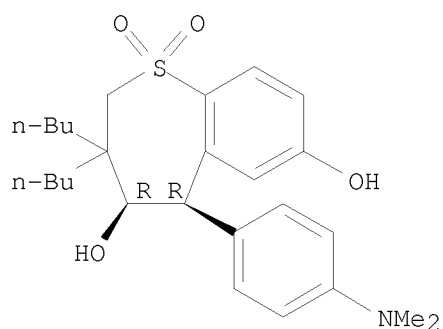


RN 197375-66-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

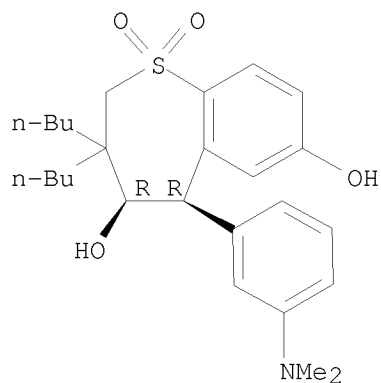
10/590,458



RN 197375-68-1 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

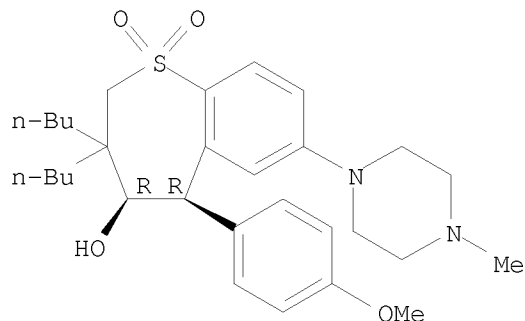
Relative stereochemistry.



RN 197375-74-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



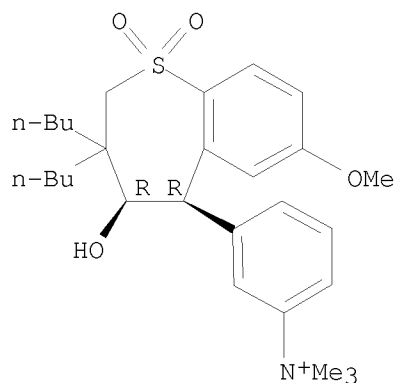
RN 197375-75-0 CAPLUS

CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-

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methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1),
rel- (CA INDEX NAME)

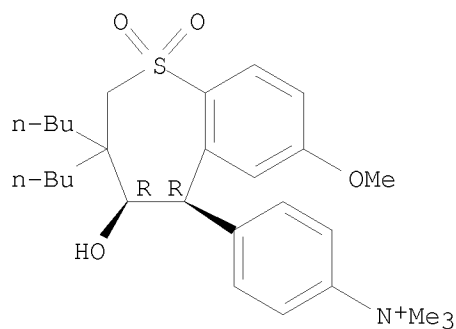
Relative stereochemistry.



RN 197375-86-3 CAPLUS

CN Benzenaminium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.

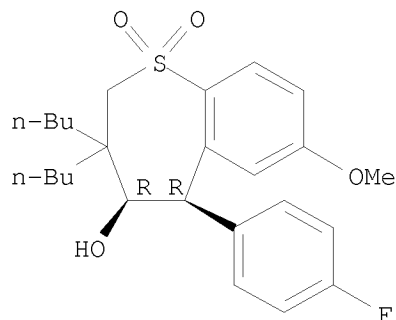


RN 197375-89-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

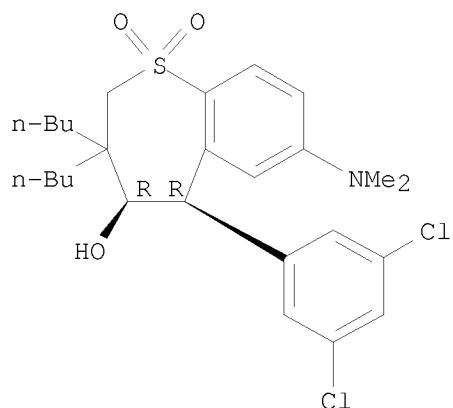
10/590,458



RN 197375-93-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichlorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

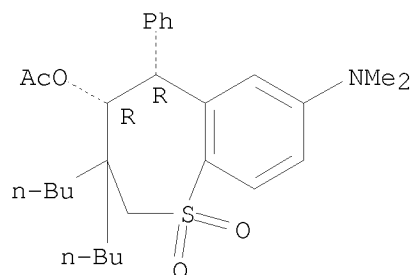
Relative stereochemistry.



RN 197375-94-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



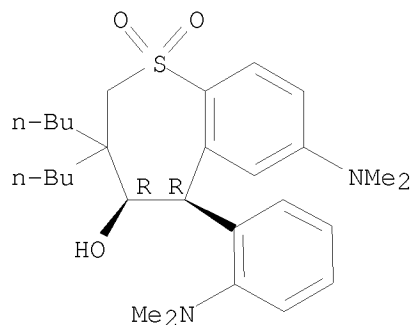
RN 197375-96-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[2-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

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INDEX NAME)

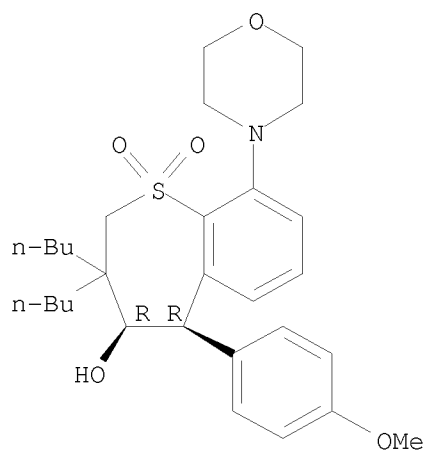
Relative stereochemistry.



RN 197376-00-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

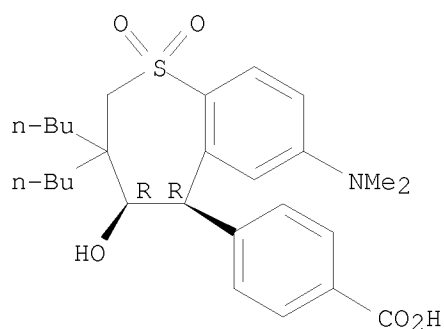


RN 197376-07-1 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

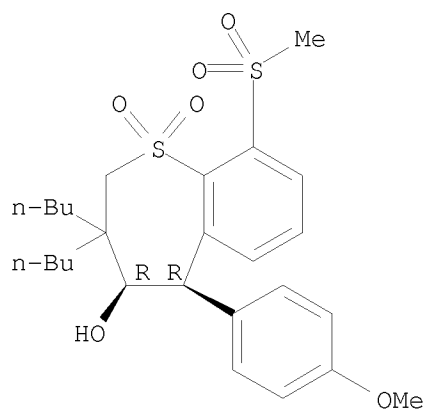
10/590,458



RN 197376-08-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(methylsulfonyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

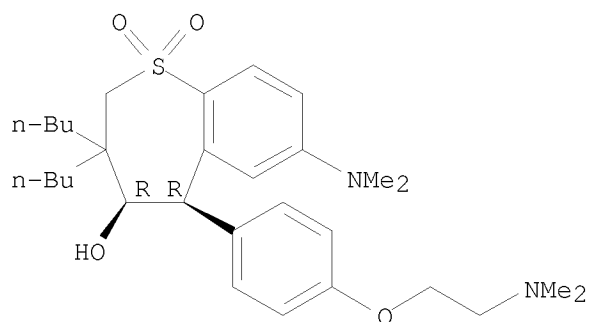
Relative stereochemistry.



RN 197376-09-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-(dimethylamino)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

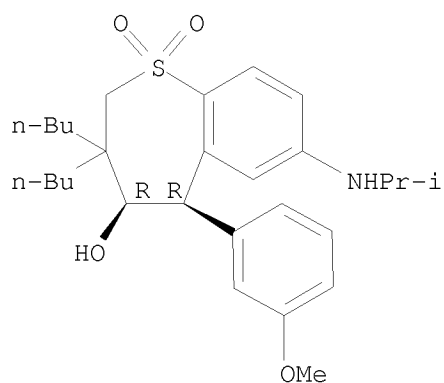


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RN 197376-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

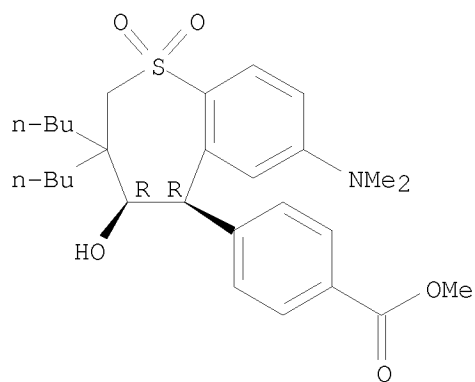
Relative stereochemistry.



RN 197376-11-7 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

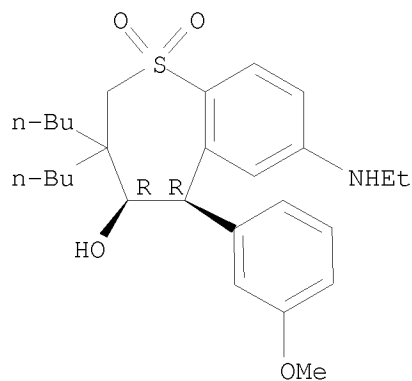


RN 197376-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

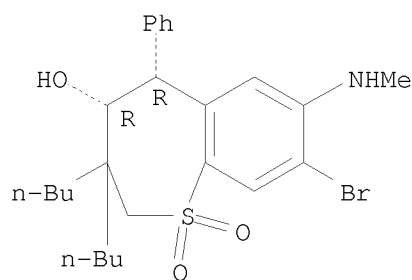
10/590,458



RN 197376-13-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-2,3,4,5-tetrahydro-7-(methyamino)-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

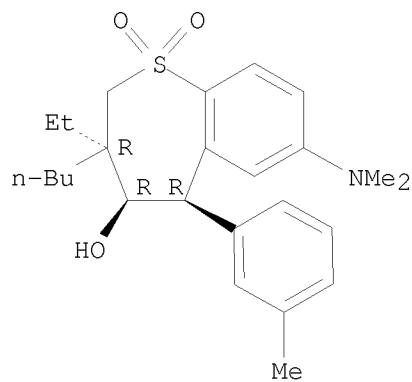
Relative stereochemistry.



RN 197376-14-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



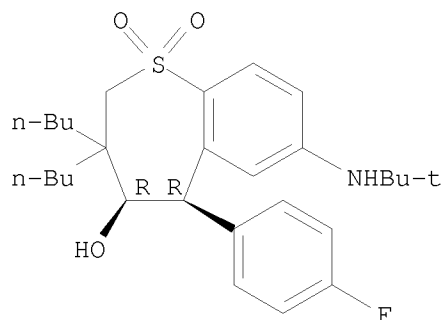
RN 197376-15-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-5-(4-

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fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

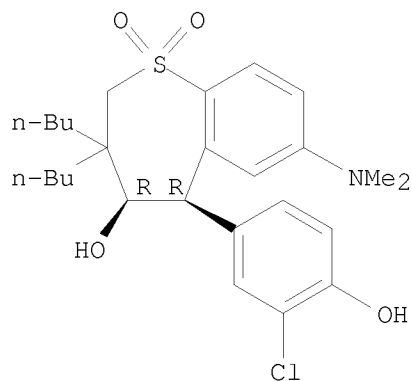
Relative stereochemistry.



RN 197376-17-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-hydroxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

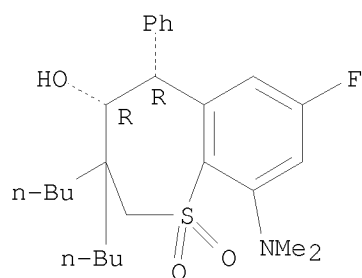
Relative stereochemistry.



RN 197376-18-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

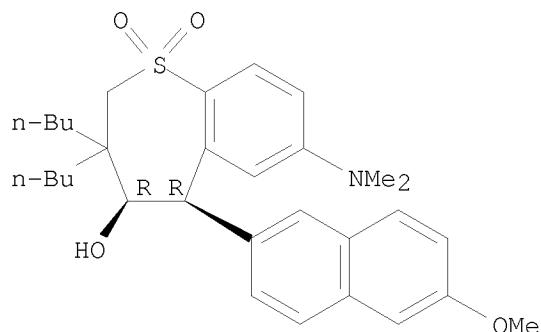


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RN 197376-19-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-methoxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

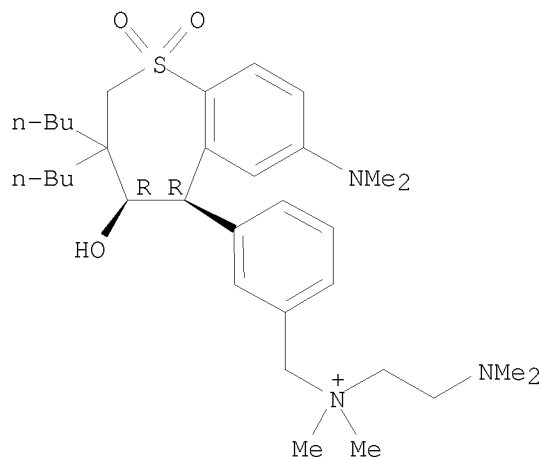
Relative stereochemistry.



RN 197376-21-9 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



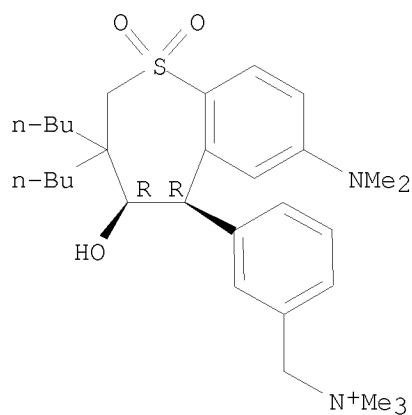
● Br⁻

RN 197376-22-0 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

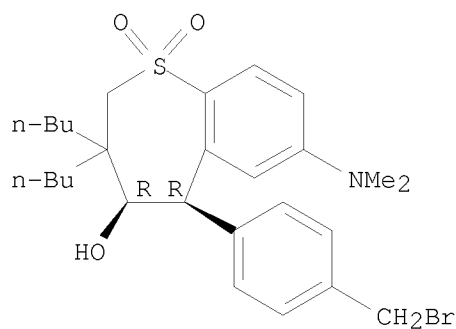
Relative stereochemistry.

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RN 197376-25-3 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT	197376-27-5P	197376-29-7P	197376-31-1P
	197376-32-2P	197376-34-4P	197376-36-6P
	197376-38-8P	197376-46-8P	197376-49-1P
	197376-52-6P	197376-55-9P	197376-58-2P
	197376-61-7P	197376-64-0P	197376-67-3P
	197376-69-5P	197376-73-1P	197376-74-2P
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	197376-83-3P	197376-84-4P	197376-85-5P
	197376-86-6P	197376-89-9P	197376-90-2P
	197376-92-4P	197376-94-6P	197376-95-7P
	197376-97-9P	197376-99-1P	197377-02-9P
	197377-03-0P	197377-05-2P	197377-09-6P
	197377-10-9P	197377-11-0P	197377-12-1P
	197377-14-3P	197377-16-5P	197377-17-6P
	197377-18-7P	197377-19-8P	197377-20-1P

197377-21-2P	197377-23-4P	197377-24-5P
197377-25-6P	197377-26-7P	197377-27-8P
197377-28-9P	197377-29-0P	197377-30-3P
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197384-39-7P	197390-49-1P	197390-68-4P
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213312-81-3P	213312-82-4P	213312-83-5P
213312-84-6P	213312-86-8P	213312-87-9P
213312-89-1P	213312-90-4P	213312-92-6P
213312-93-7P	213312-94-8P	213312-95-9P
213312-96-0P	213312-97-1P	213312-98-2P
213312-99-3P	213313-00-9P	213313-01-0P
213313-02-1P	213313-03-2P	213313-05-4P
213313-06-5P	213313-07-6P	213313-08-7P
213313-10-1P	213313-11-2P	213313-15-6P
213313-18-9P	213313-20-3P	213313-21-4P
213313-22-5P	213313-23-6P	213313-25-8P
213313-26-9P	213313-27-0P	213313-28-1P
213313-29-2P	213313-30-5P	213313-31-6P
213313-32-7P	213313-33-8P	213313-34-9P
213313-35-0P	213386-72-2P	

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

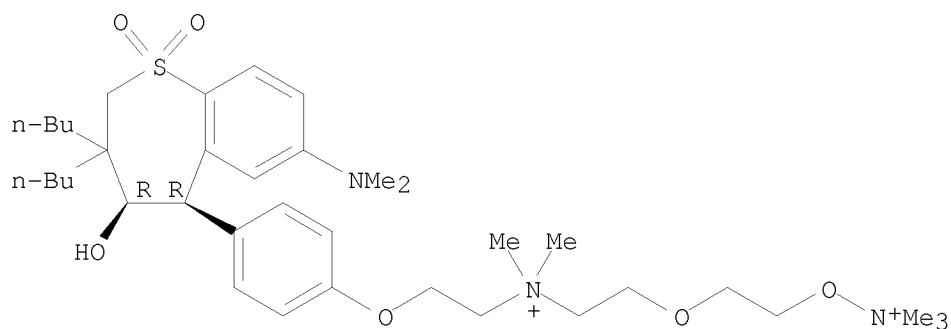
(preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors)

RN 197376-27-5 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N-dimethyl-N-[2-[2-[(trimethylammonio)oxy]ethoxy]ethyl]-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

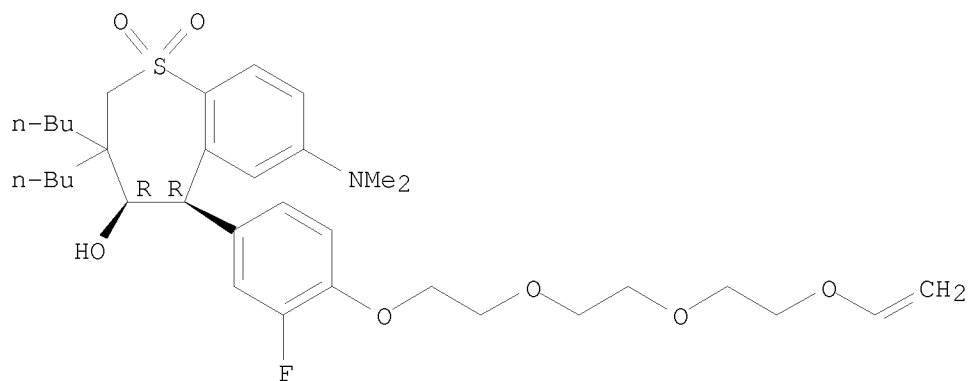


●2 I⁻

RN 197376-29-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-[2-[2-(ethenoxy)ethoxy]ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

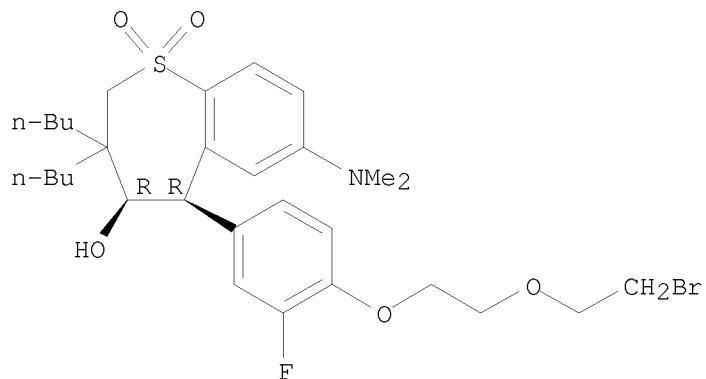


RN 197376-31-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

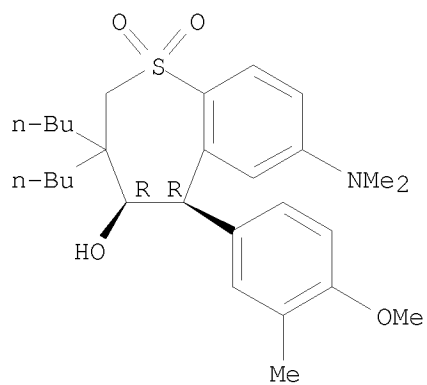
10/590,458



RN 197376-32-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxy-3-methylphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

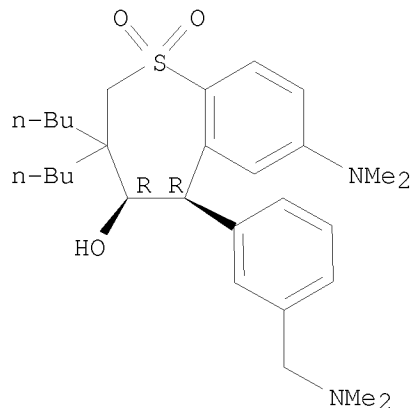


RN 197376-34-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

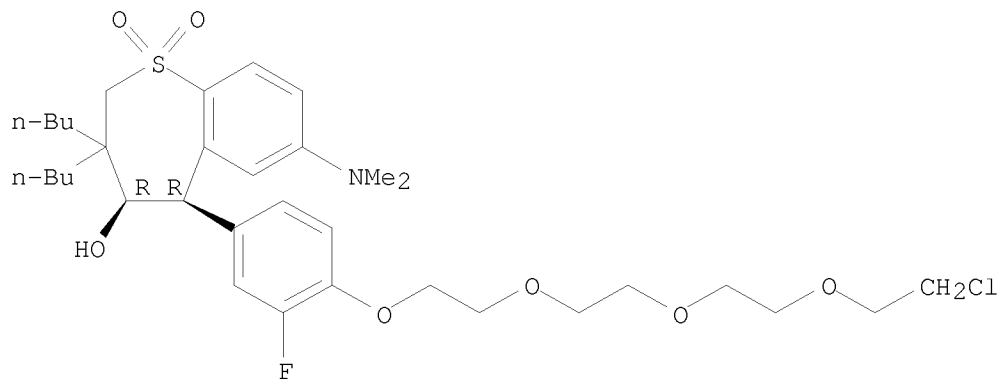
10/590,458



RN 197376-36-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[2-(2-chloroethoxy)ethoxy]ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

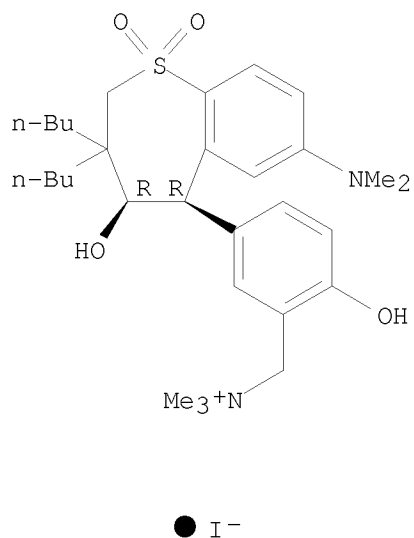


RN 197376-38-8 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-hydroxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

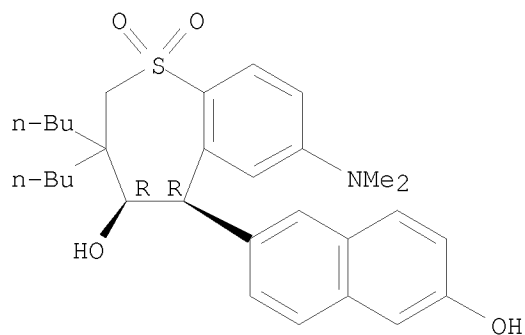
Relative stereochemistry.

10/590,458



RN 197376-46-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-hydroxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

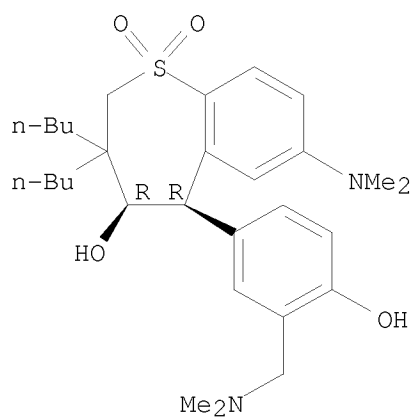
Relative stereochemistry.



RN 197376-49-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]-4-hydroxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

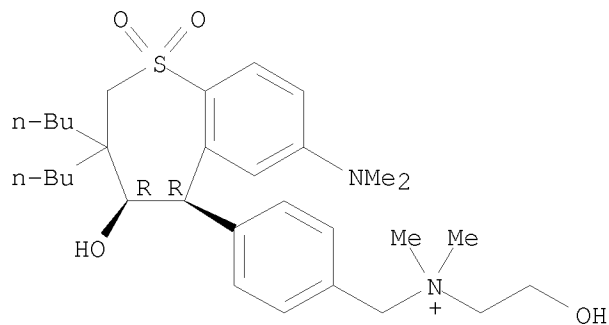


RN 197376-52-6 CAPLUS
 CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(2-hydroxyethyl)-N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

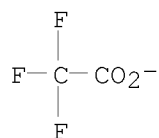
CRN 197376-51-5
 CMF C31 H49 N2 O4 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

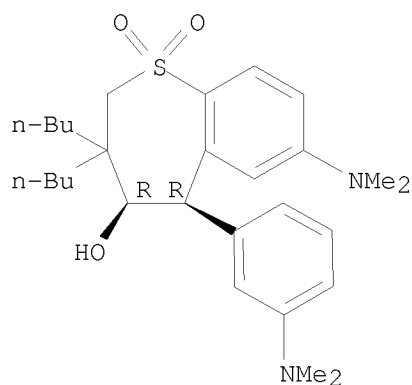


10/590,458

RN 197376-55-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

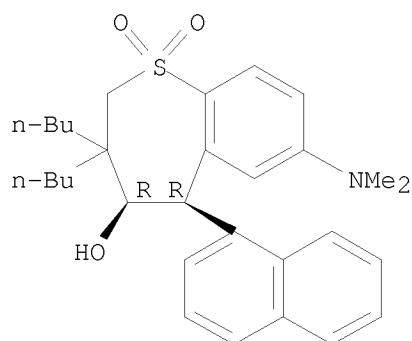
Relative stereochemistry.



RN 197376-58-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(1-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

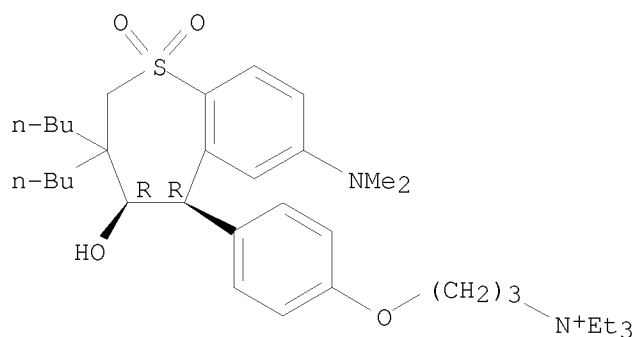


RN 197376-61-7 CAPLUS

CN 1-Propanaminium, 3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

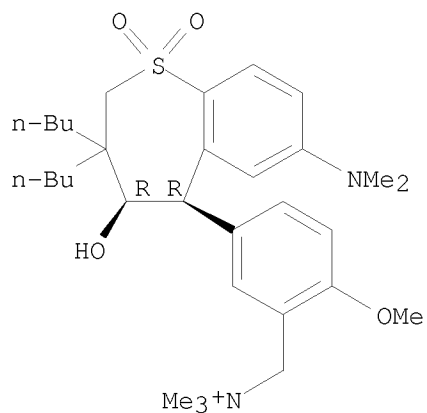
Relative stereochemistry.

10/590,458



RN 197376-64-0 CAPLUS
CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-methoxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

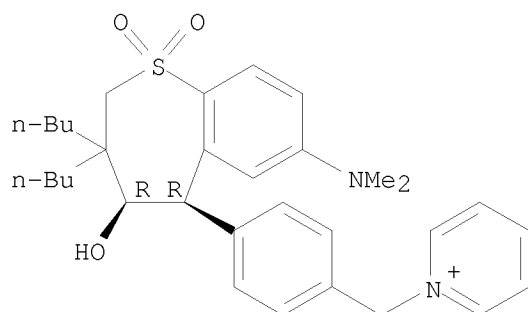
Relative stereochemistry.



RN 197376-67-3 CAPLUS
CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

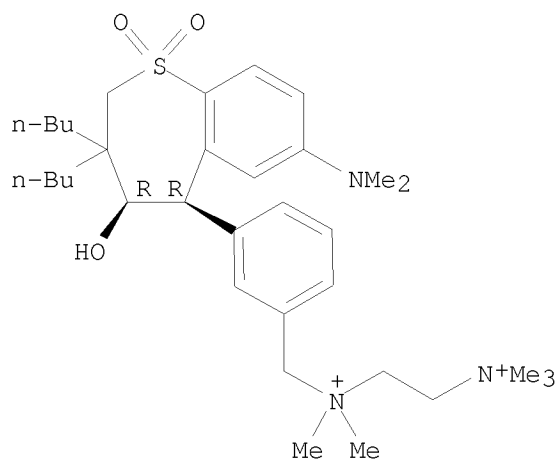
10/590,458



● Br⁻

RN 197376-69-5 CAPLUS
CN 1,2-Ethanediaminium, N1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

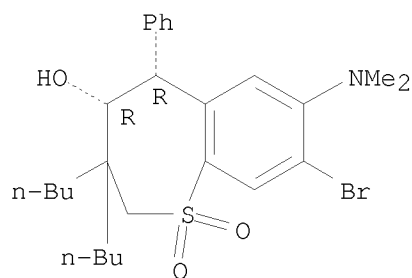


● 2 I⁻

RN 197376-73-1 CAPLUS
CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

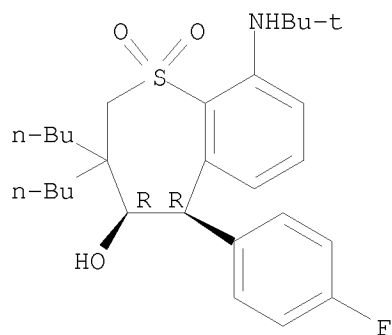
10/590,458



RN 197376-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

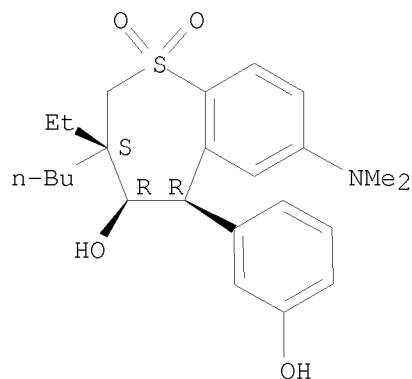
Relative stereochemistry.



RN 197376-75-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



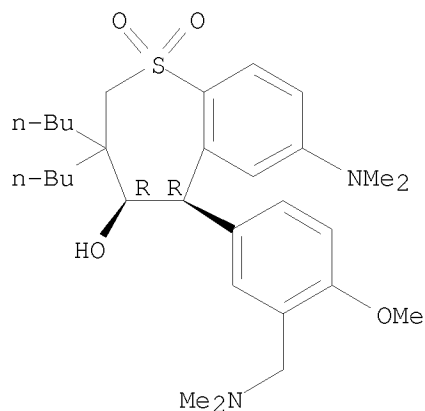
RN 197376-80-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-

10/590,458

[(dimethylamino)methyl]-4-methoxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

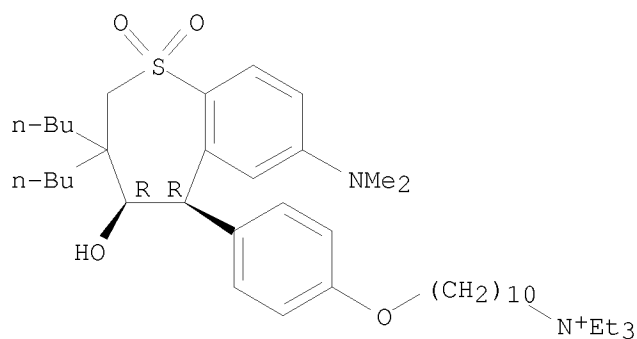
Relative stereochemistry.



RN 197376-82-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

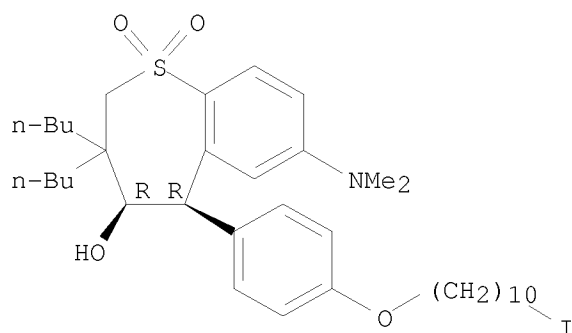


RN 197376-83-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(10-iododecyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

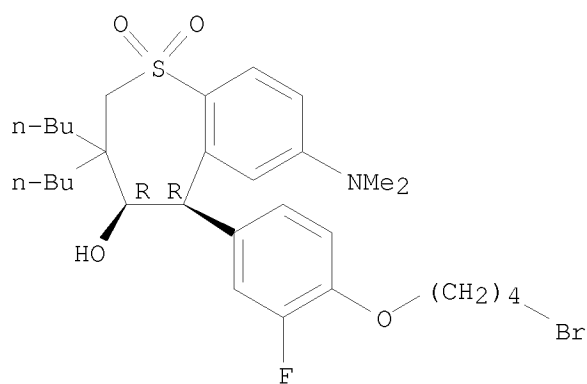
10/590,458



RN 197376-84-4 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-(4-bromobutoxy)-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

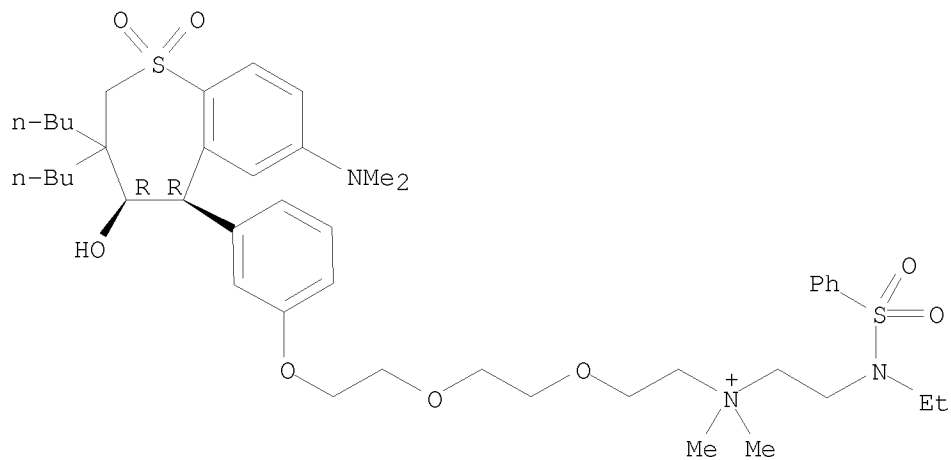


RN 197376-85-5 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(phenylsulfonyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

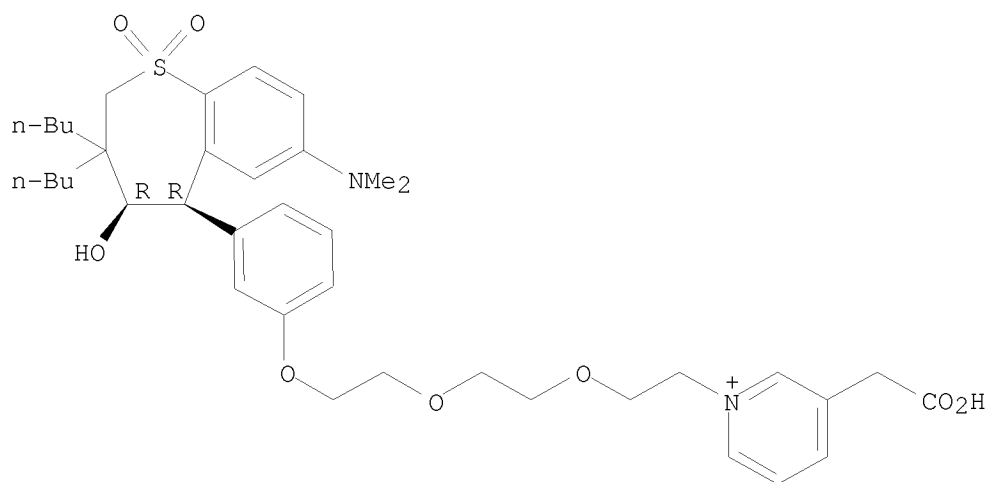
10/590,458



● I⁻

RN 197376-86-6 CAPLUS
 CN Pyridinium, 3-(carboxymethyl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



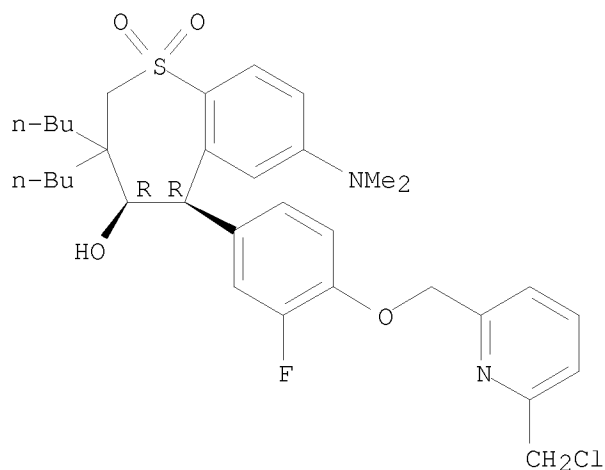
● I⁻

RN 197376-89-9 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-,

10/590,458

1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

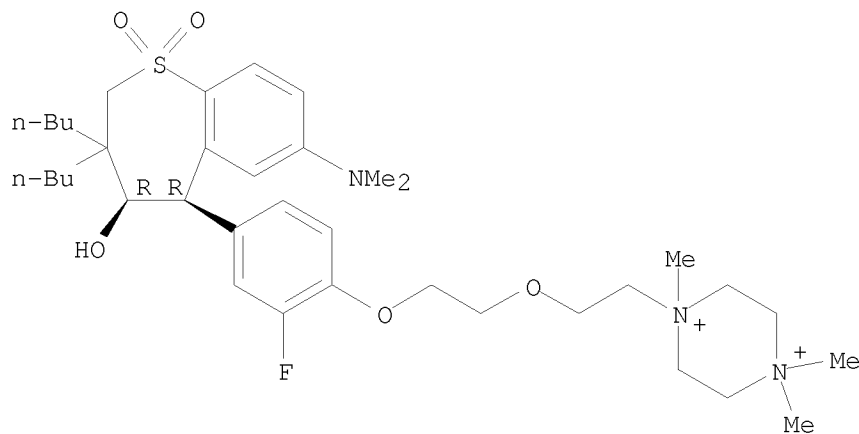
Relative stereochemistry.



RN 197376-90-2 CAPLUS

CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



● 2 I⁻

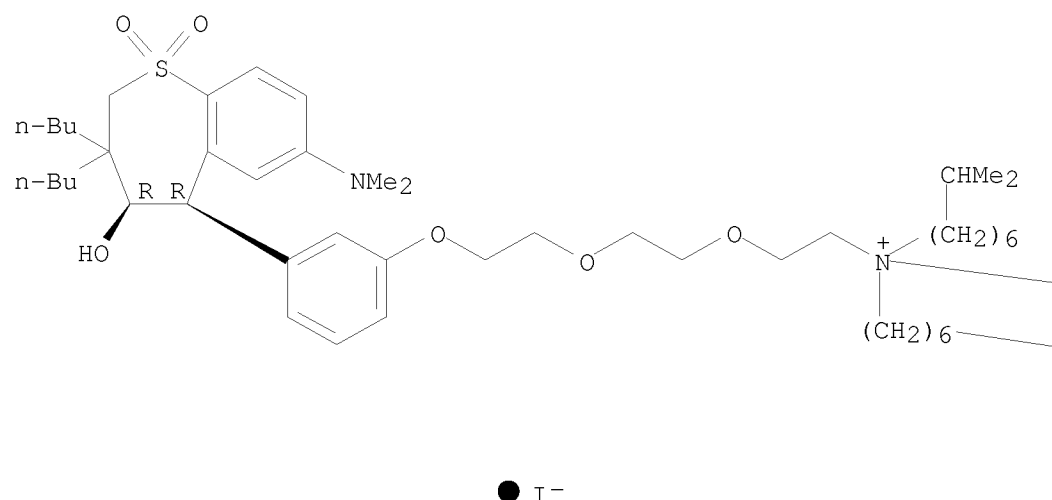
RN 197376-92-4 CAPLUS

CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-7-methyl-N,N-bis(7-methyloctyl)-, iodide (1:1), rel- (CA INDEX NAME)

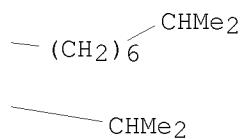
10/590,458

Relative stereochemistry.

PAGE 1-A



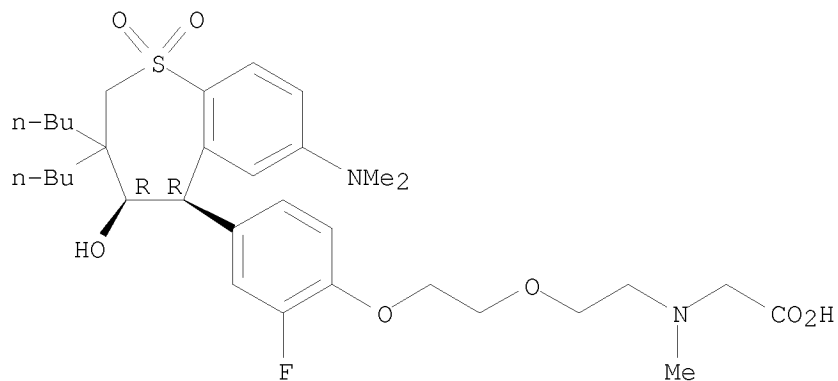
PAGE 1-B



RN 197376-94-6 CAPLUS
CN Glycine, N-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

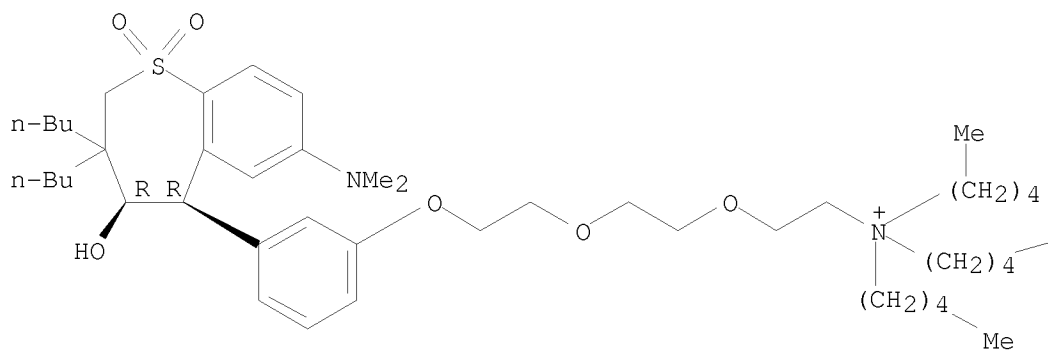


RN 197376-95-7 CAPLUS

CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-dipentyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

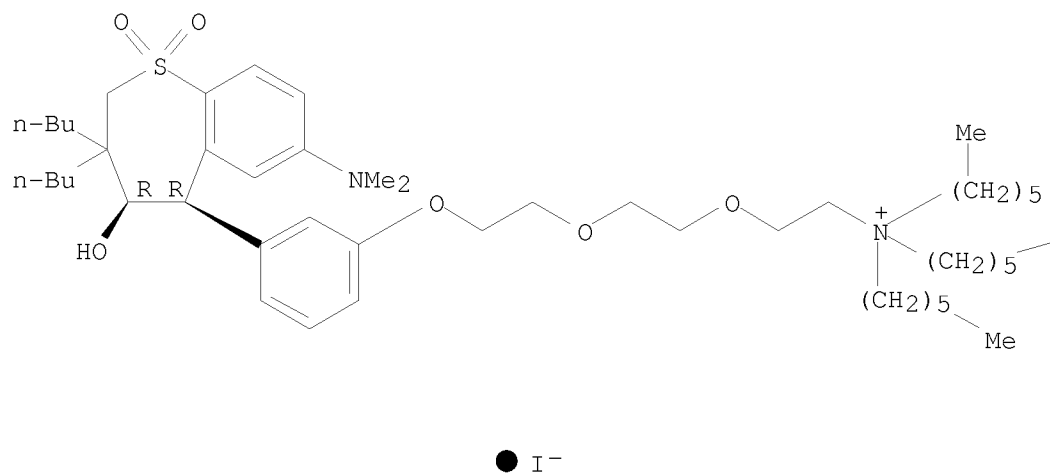


—Me

RN 197376-97-9 CAPLUS

CN 1-Hexanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dihexyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



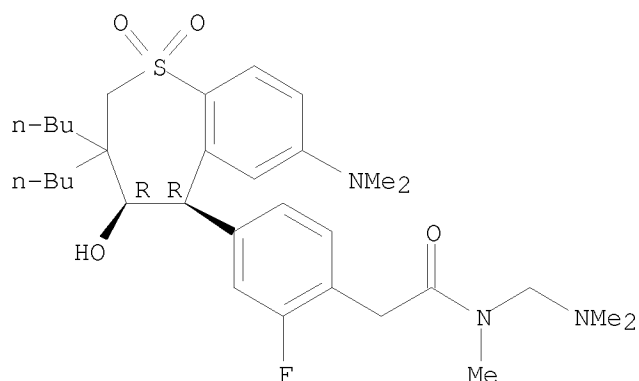
—Me

RN 197376-99-1 CAPLUS

10/590,458

CN Benzeneacetamide, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[(dimethylamino)methyl]-2-fluoro-N-methyl-, rel- (CA INDEX NAME)

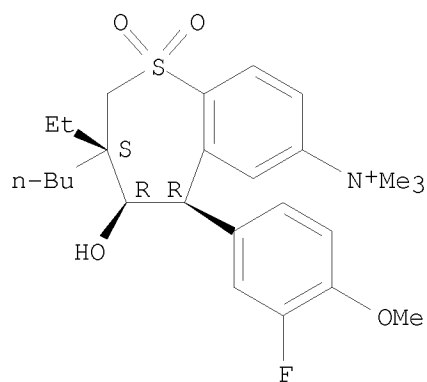
Relative stereochemistry.



RN 197377-02-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

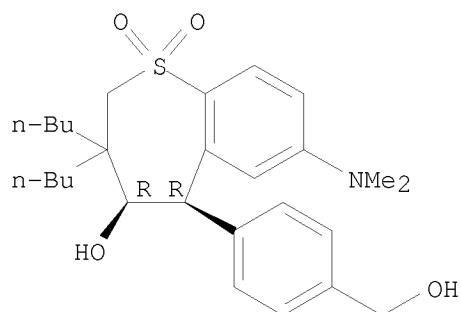


RN 197377-03-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

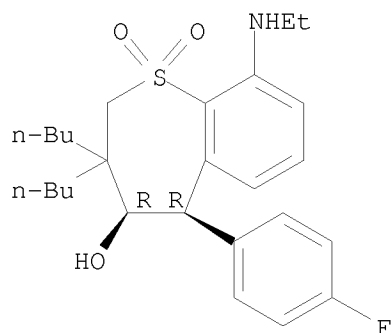
10/590,458



RN 197377-05-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-09-6 CAPLUS

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

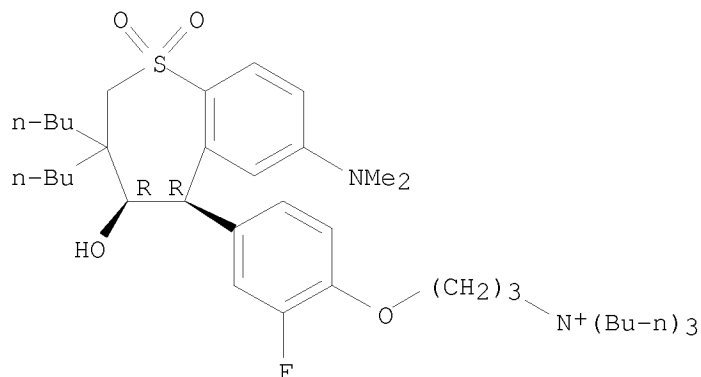
CM 1

CRN 197377-08-5

CMF C41 H68 F N2 O4 S

Relative stereochemistry.

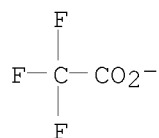
10/590,458



CM 2

CRN 14477-72-6

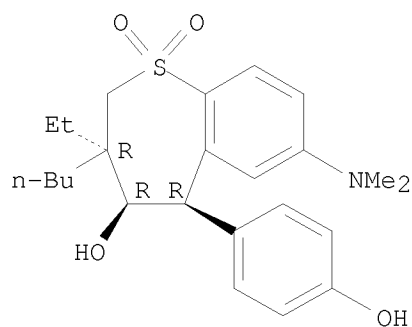
CMF C2 F3 O2



RN 197377-10-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

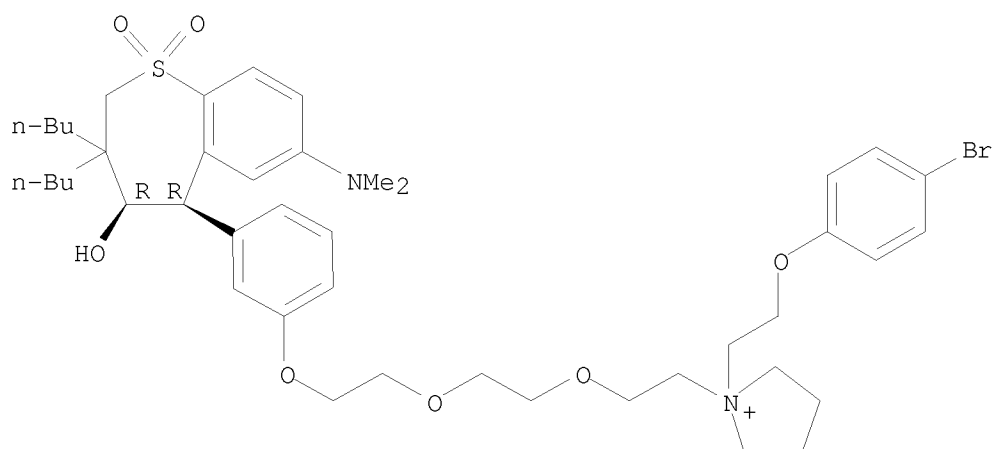


RN 197377-11-0 CAPLUS

CN Pyrrolidinium, 1-[2-(4-bromophenoxy)ethyl]-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

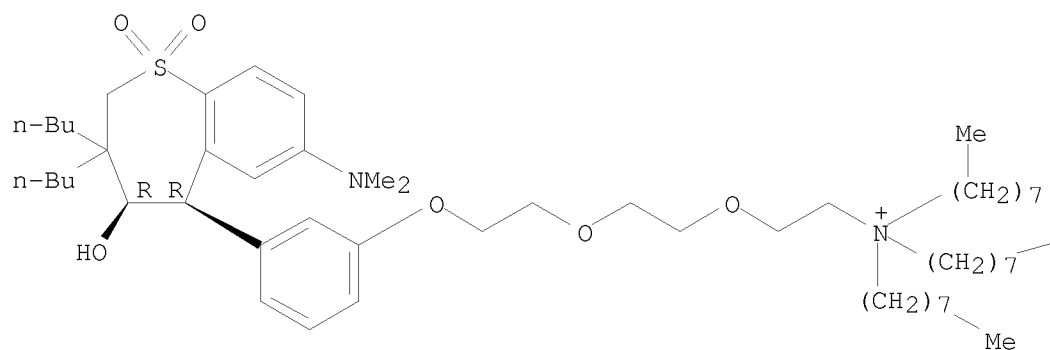
10/590,458



RN 197377-12-1 CAPLUS
 CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dioctyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



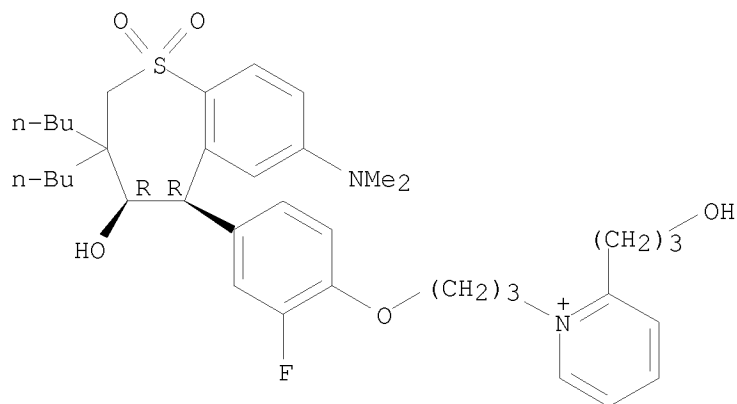
—Me

RN 197377-14-3 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-2-(3-hydroxypropyl)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

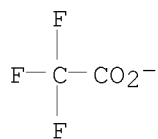
CRN 197377-13-2
 CMF C37 H52 F N2 O5 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2



RN 197377-16-5 CAPLUS

10/590,458

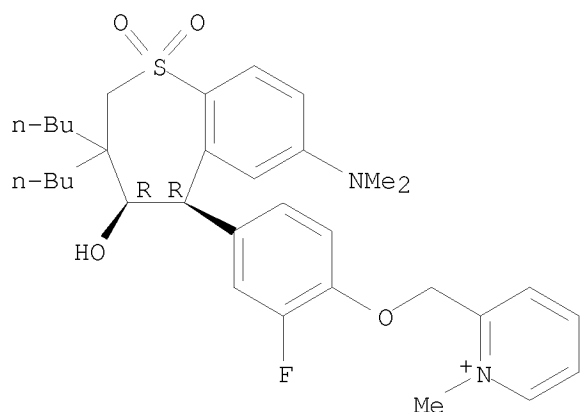
CN Pyridinium, 2-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-15-4

CMF C33 H44 F N2 O4 S

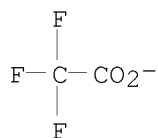
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

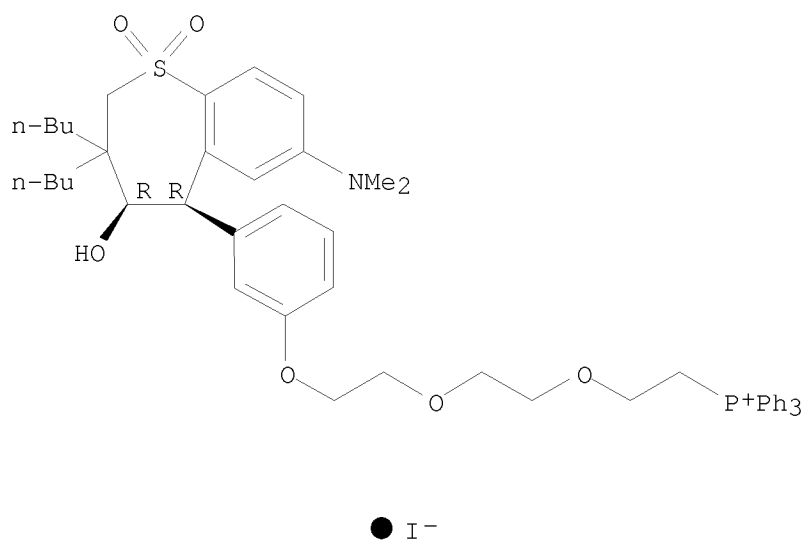


RN 197377-17-6 CAPLUS

CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triphenyl-, iodide (1:1), rel- (CA INDEX NAME)

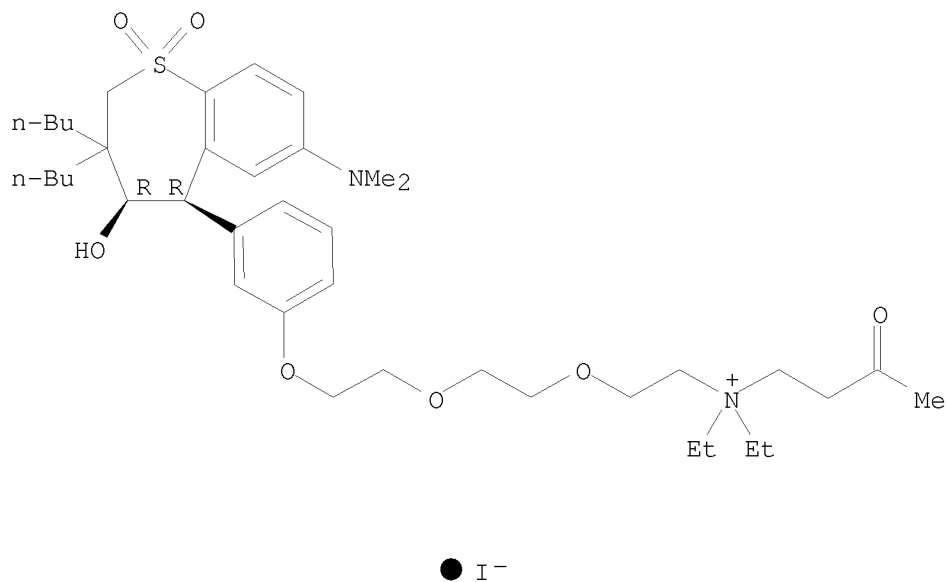
Relative stereochemistry.

10/590,458



RN 197377-18-7 CAPLUS
CN 1-Butanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-3-oxo-, iodide (1:1), rel- (CA INDEX NAME)

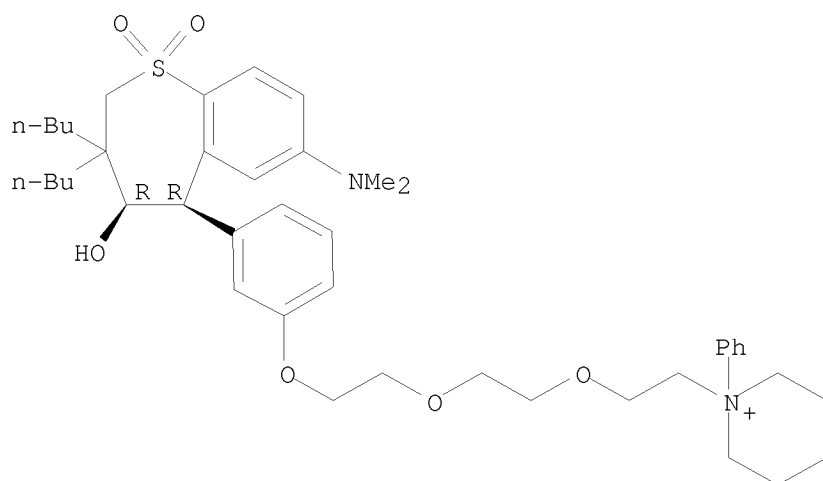
Relative stereochemistry.



RN 197377-19-8 CAPLUS
CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

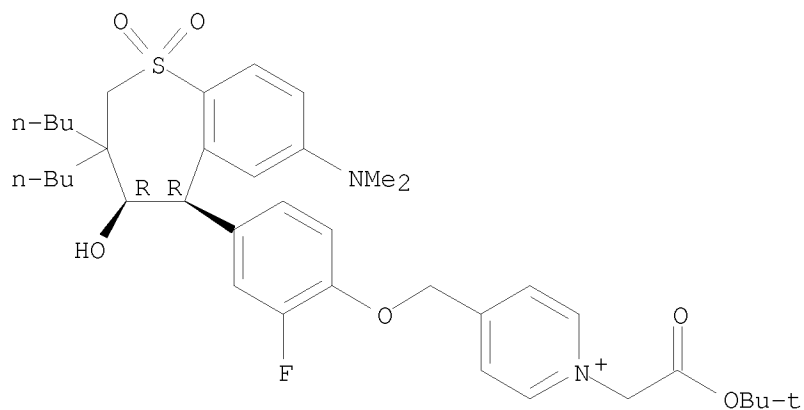
10/590,458

Relative stereochemistry.



RN 197377-20-1 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-[2-(1,1-dimethylethoxy)-2-oxoethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

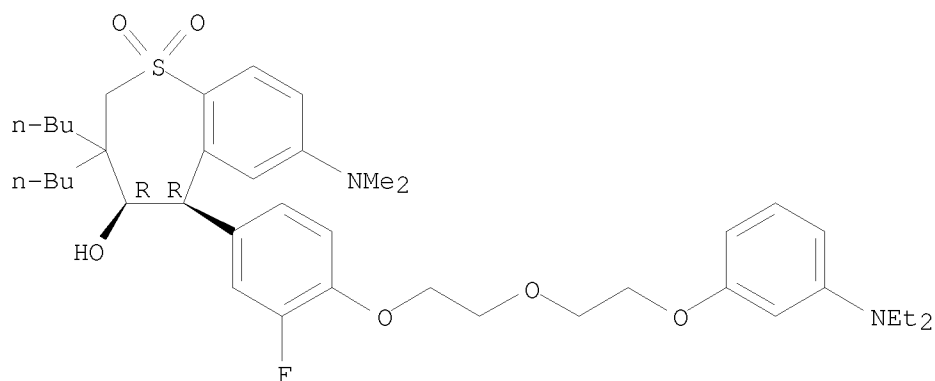


RN 197377-21-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[3-(diethylamino)phenoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

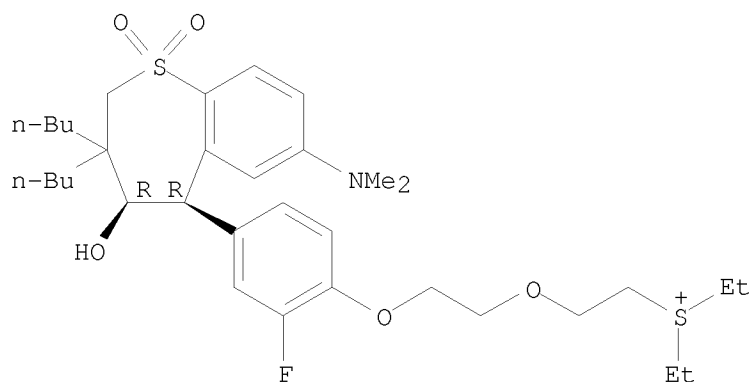
Relative stereochemistry.



RN 197377-23-4 CAPLUS

CN Sulfonium, [2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]diethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

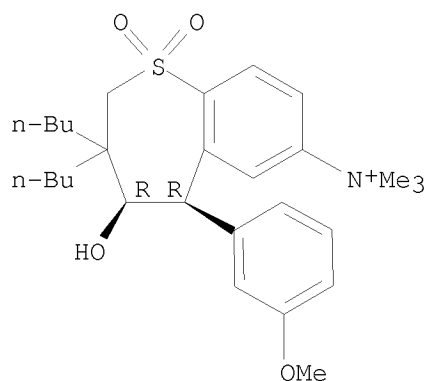


RN 197377-24-5 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

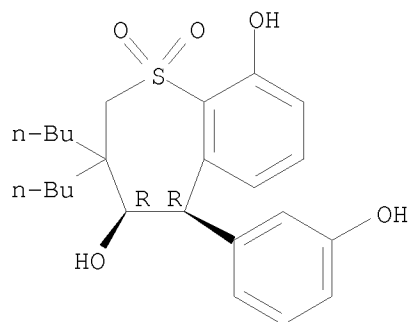
10/590,458



RN 197377-25-6 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

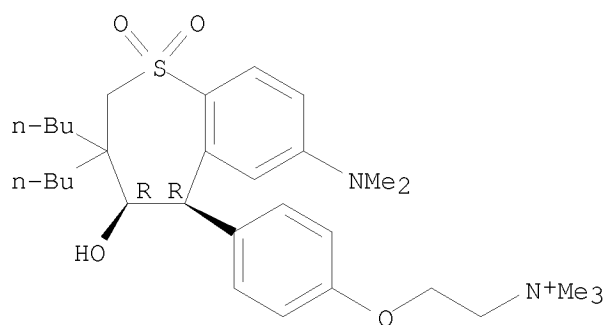


RN 197377-26-7 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

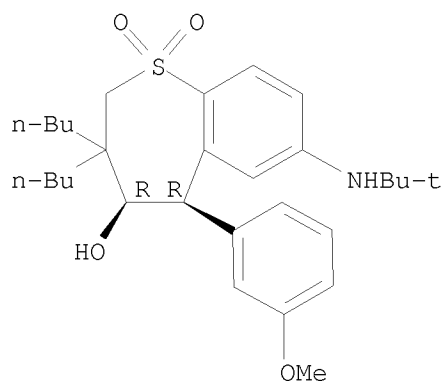
Relative stereochemistry.

10/590,458



RN 197377-27-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

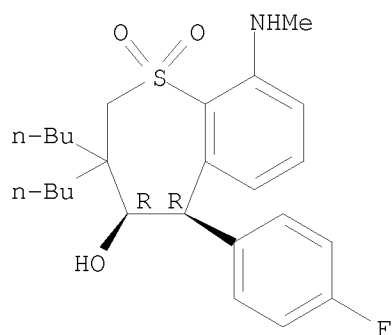
Relative stereochemistry.



RN 197377-28-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

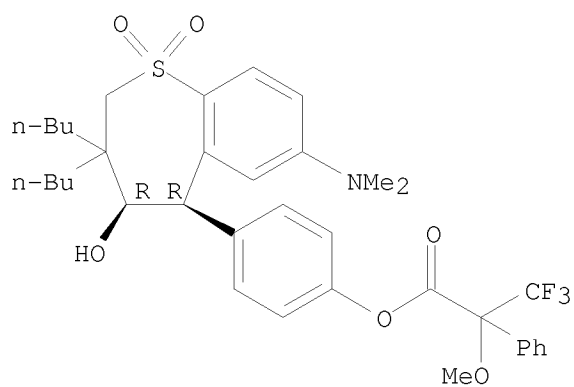
10/590,458



RN 197377-29-0 CAPLUS

CN Benzeneacetic acid, α -methoxy- α -(trifluoromethyl)-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

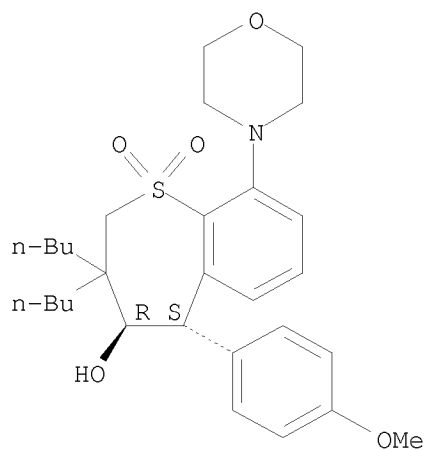


RN 197377-30-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

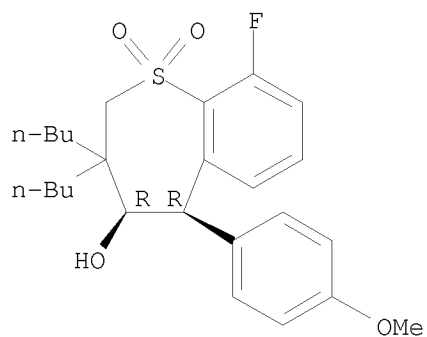
10/590,458



RN 197377-32-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

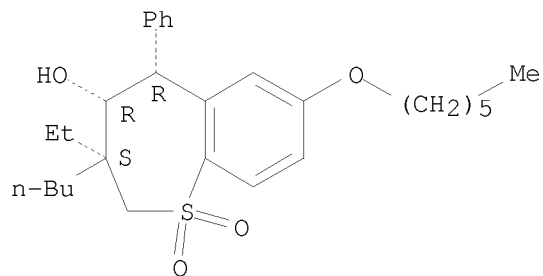
Relative stereochemistry.



RN 197377-33-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

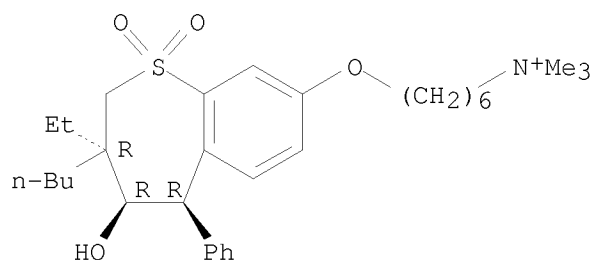


10/590,458

RN 197377-34-7 CAPLUS

CN 1-Hexanaminium, 6-[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

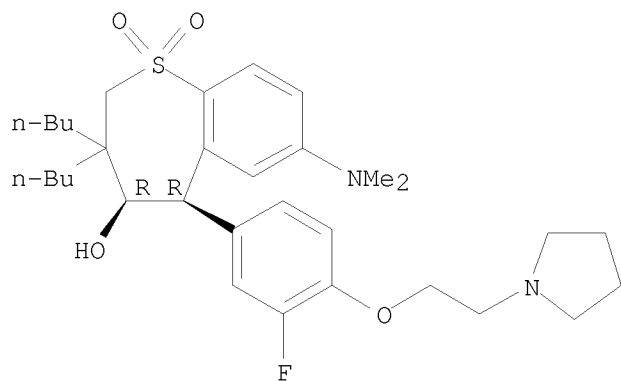
Relative stereochemistry.



RN 197377-35-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-(1-pyrrolidinyl)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

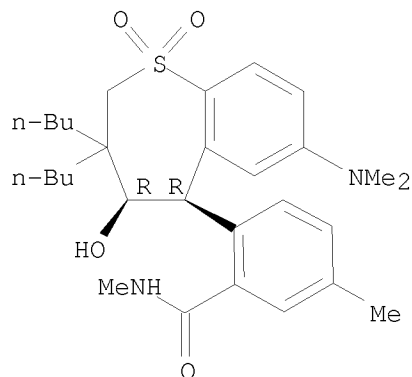


RN 197377-36-9 CAPLUS

CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,5-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

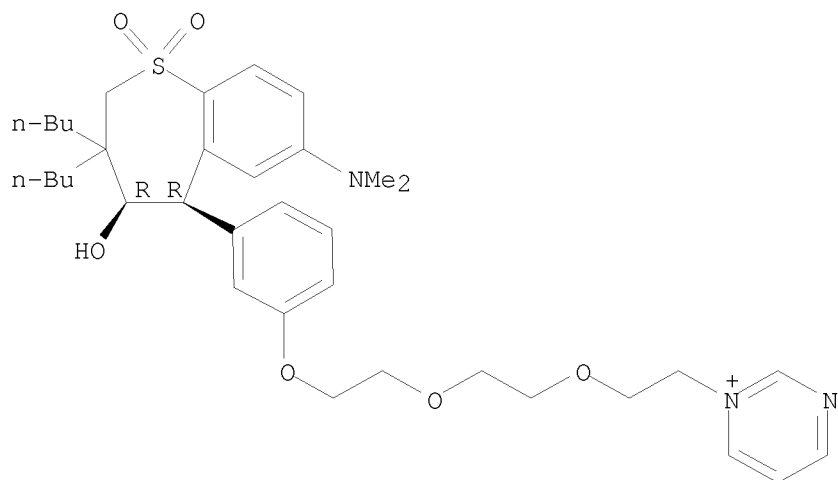
10/590,458



RN 197377-37-0 CAPLUS

CN Pyrimidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

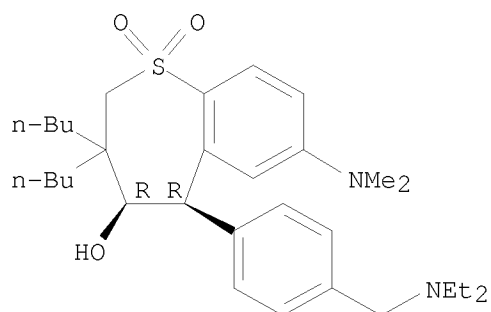


RN 197377-38-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(diethylamino)methyl]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

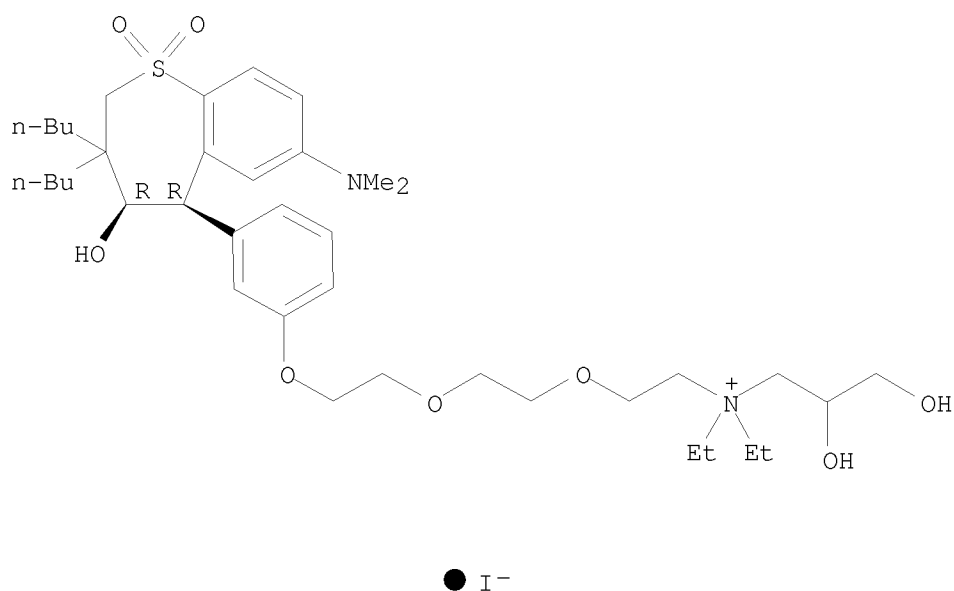
Relative stereochemistry.

10/590,458



RN 197377-39-2 CAPLUS
CN 1-Propanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-diethyl-2,3-dihydroxy-, iodide (1:1), rel- (CA INDEX NAME)

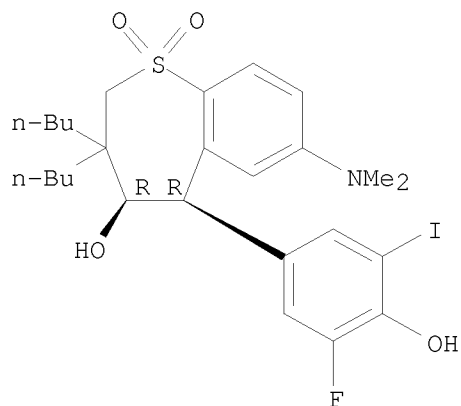
Relative stereochemistry.



RN 197377-40-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxy-5-iodophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

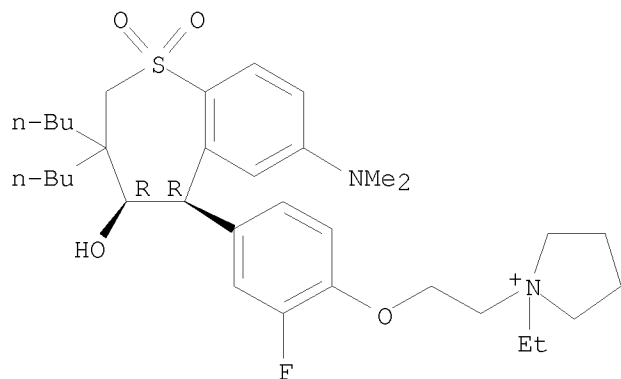


RN 197377-42-7 CAPLUS
CN Pyrrolidinium, 1-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-41-6
CMF C34 H52 F N2 O4 S

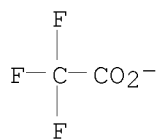
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

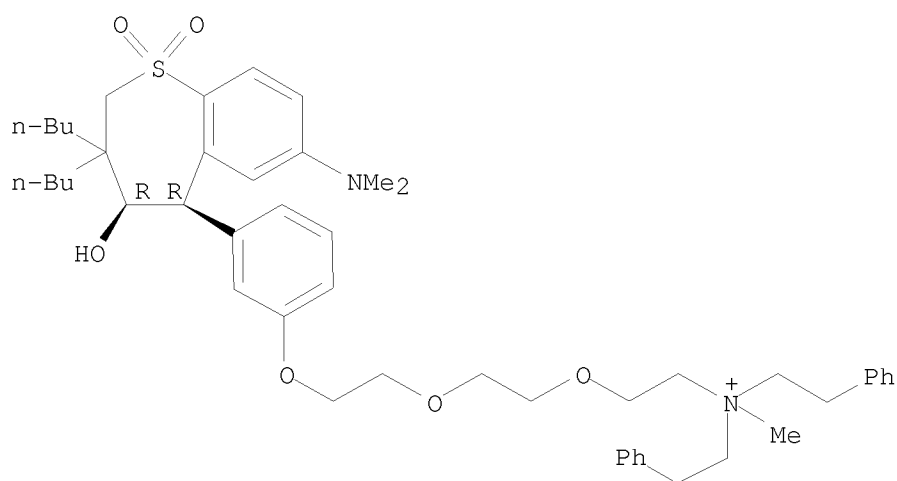
10/590,458



RN 197377-43-8 CAPLUS

CN Benzeneethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-N-(2-phenylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-45-0 CAPLUS

CN 2-Butyn-1-aminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

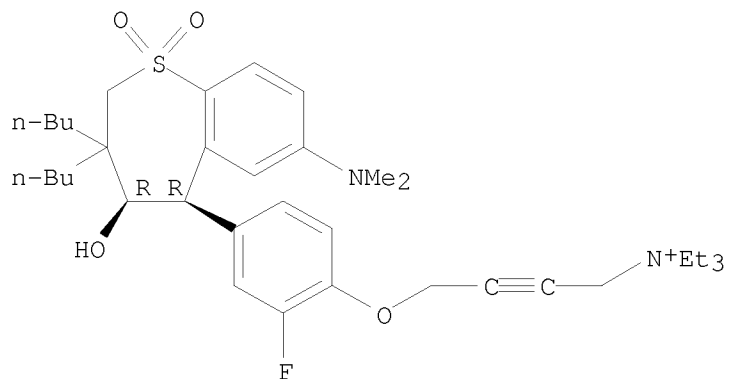
CM 1

CRN 197377-44-9

CMF C36 H54 F N2 O4 S

Relative stereochemistry.

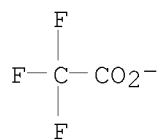
10/590,458



CM 2

CRN 14477-72-6

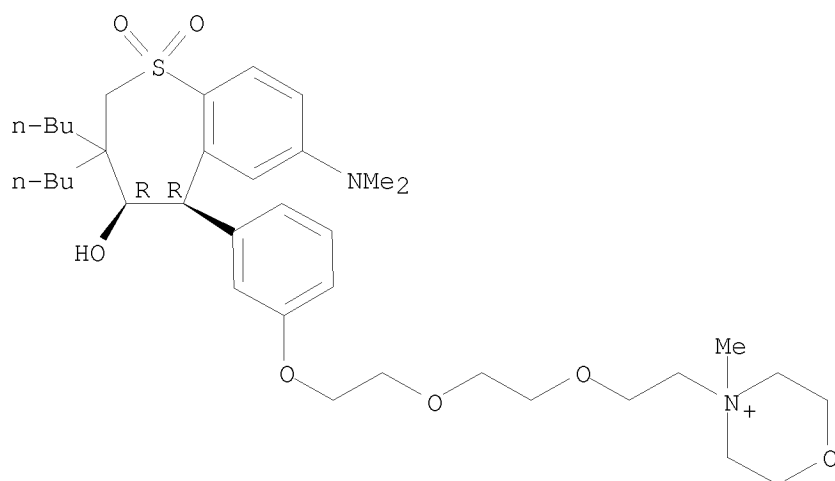
CMF C2 F3 O2



RN 197377-46-1 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

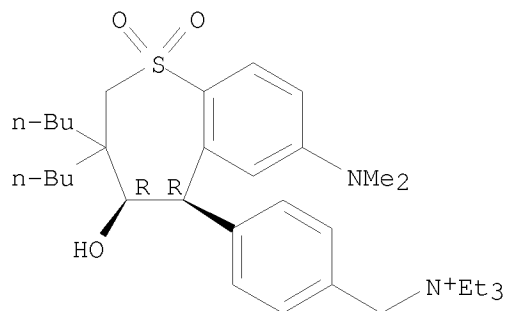


● I -

RN 197377-47-2 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



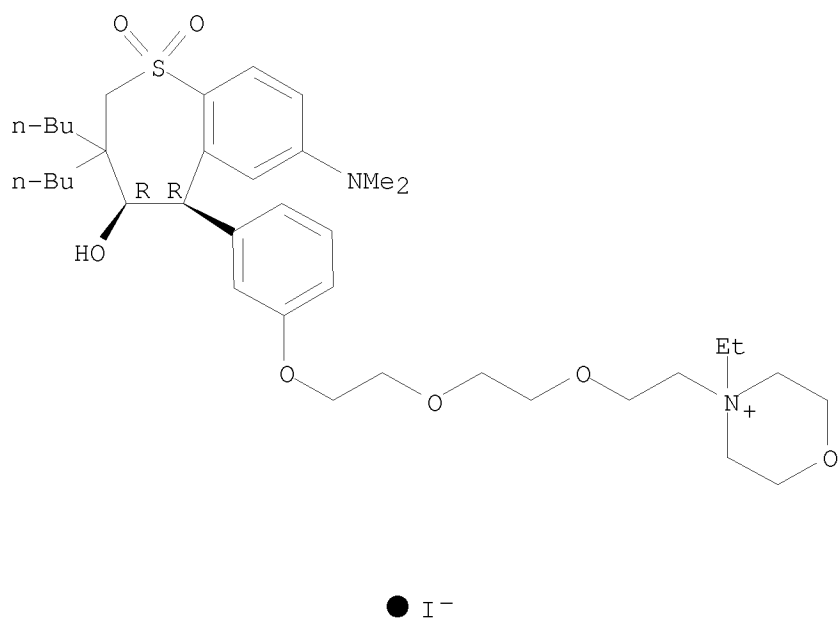
● I —

RN 197377-48-3 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

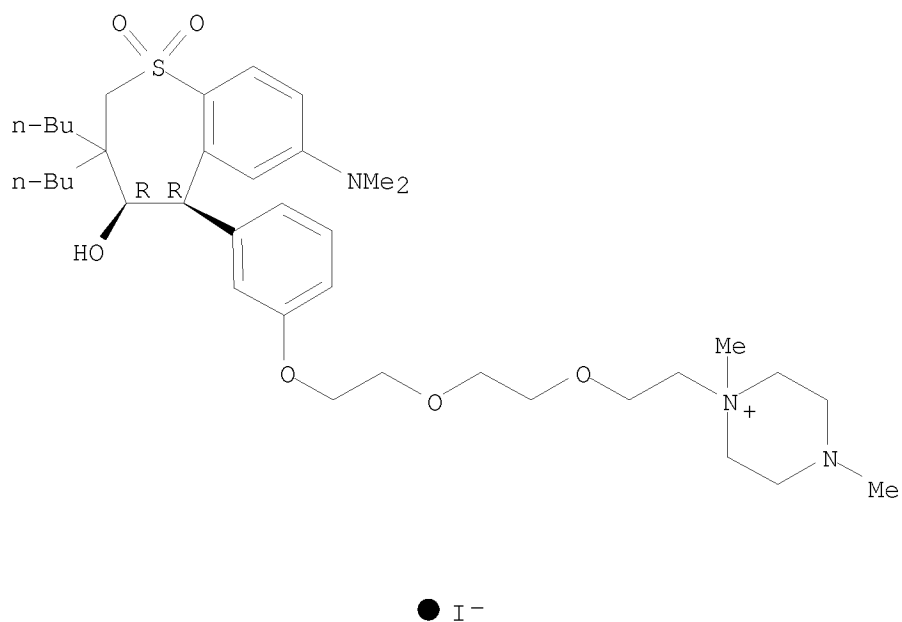
10/590,458



RN 197377-49-4 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

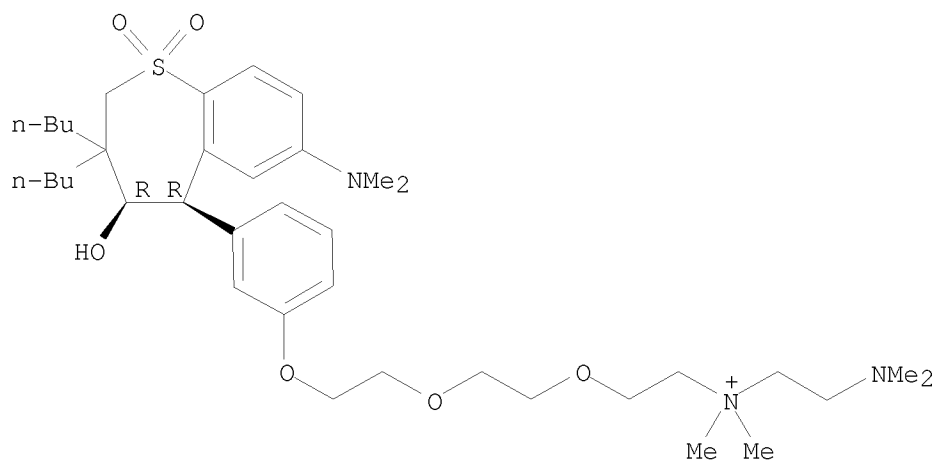


10/590,458

RN 197377-50-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

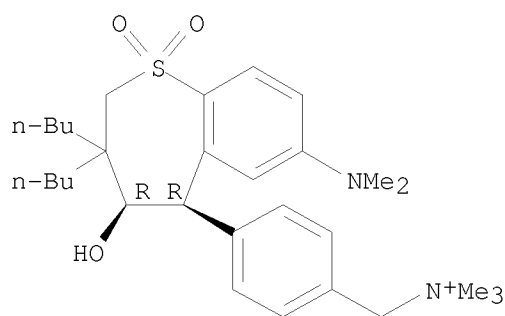


● I⁻

RN 197377-51-8 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

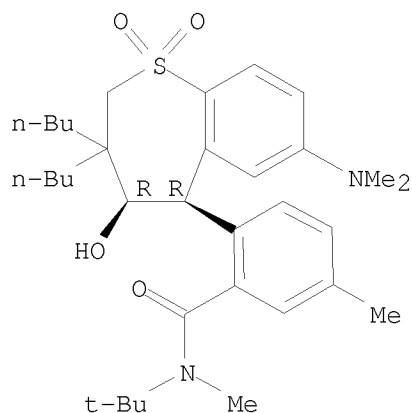
RN 197377-52-9 CAPLUS

CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-

10/590,458

hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(1,1-dimethylethyl)-N,5-dimethyl-, rel- (CA INDEX NAME)

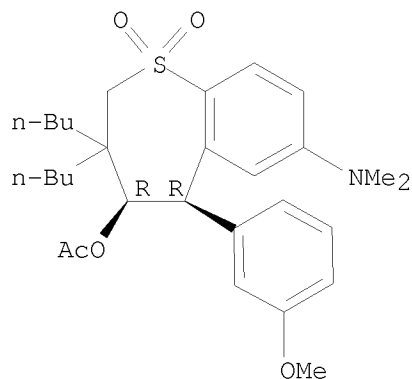
Relative stereochemistry.



RN 197377-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

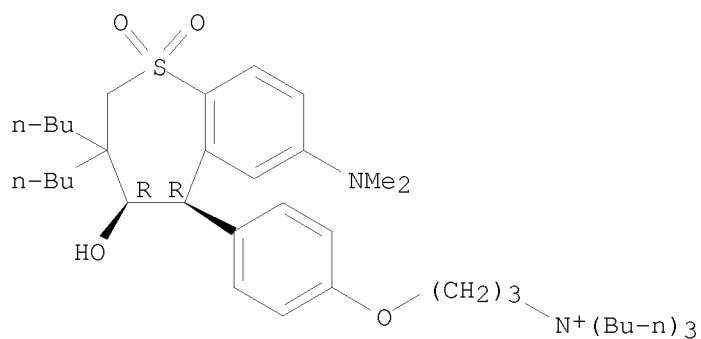


RN 197377-58-5 CAPLUS

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

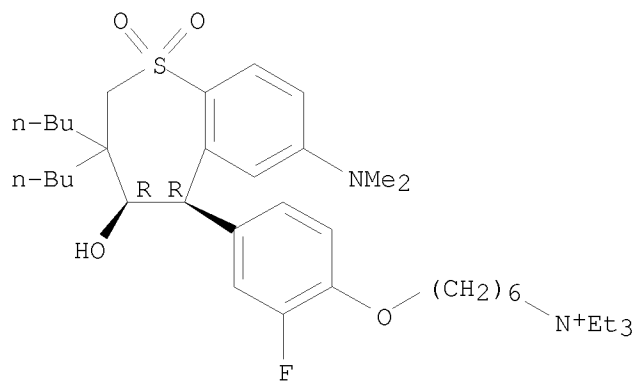


RN 197377-60-9 CAPLUS
CN 1-Hexanaminium, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-59-6
CMF C38 H62 F N2 O4 S

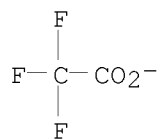
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

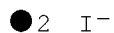
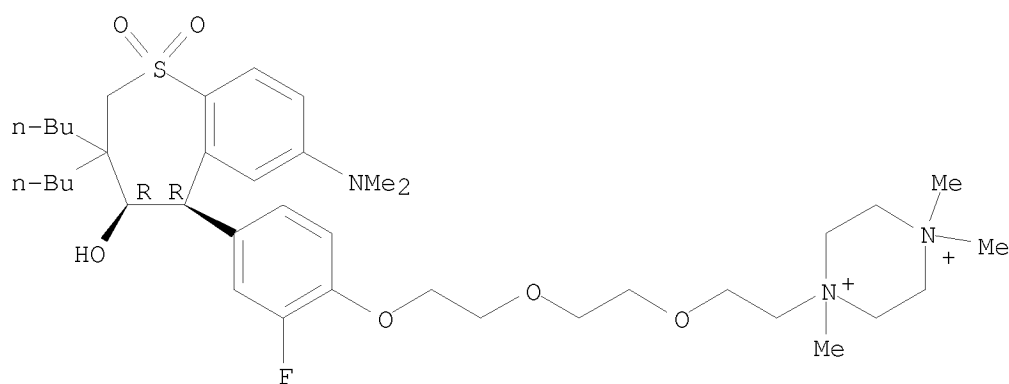
10/590,458



RN 197377-61-0 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

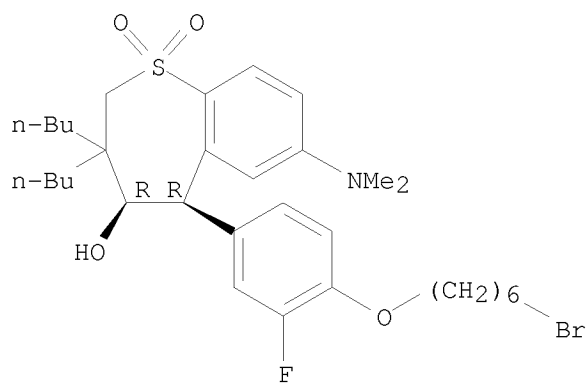
Relative stereochemistry.



RN 197377-63-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(6-bromohexyl)oxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

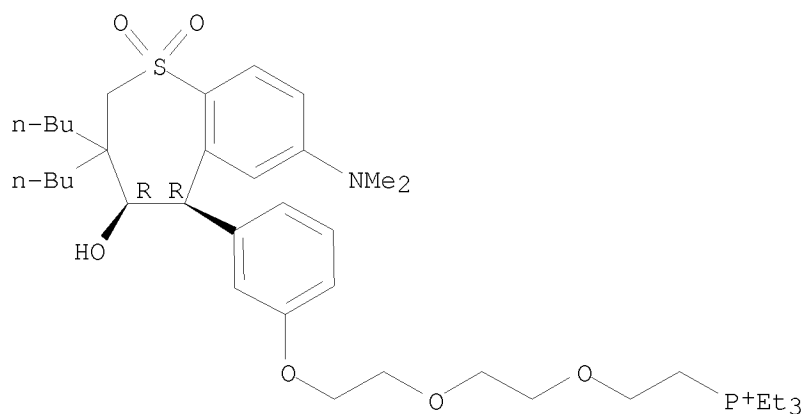


10/590,458

RN 197377-64-3 CAPLUS

CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

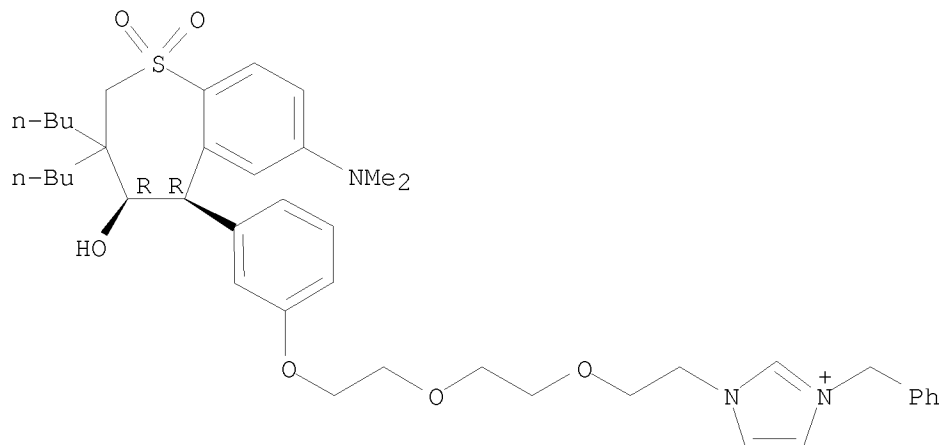


RN 197377-65-4 CAPLUS

CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-(phenylmethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

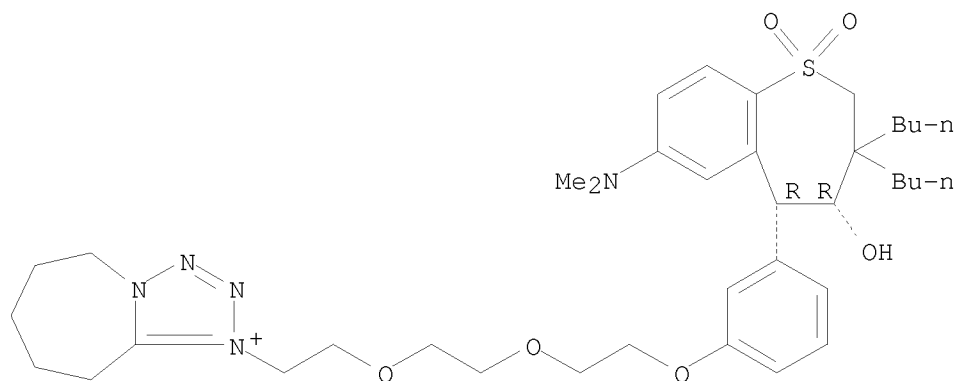
10/590,458



RN 197377-66-5 CAPLUS

CN 5H-Tetrazolo[1,5-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

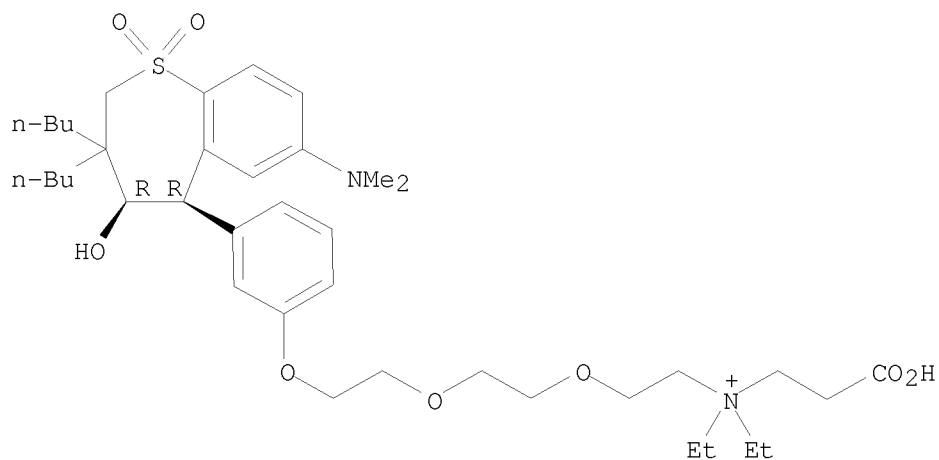


RN 197377-68-7 CAPLUS

CN Ethanaminium, 2-carboxy-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

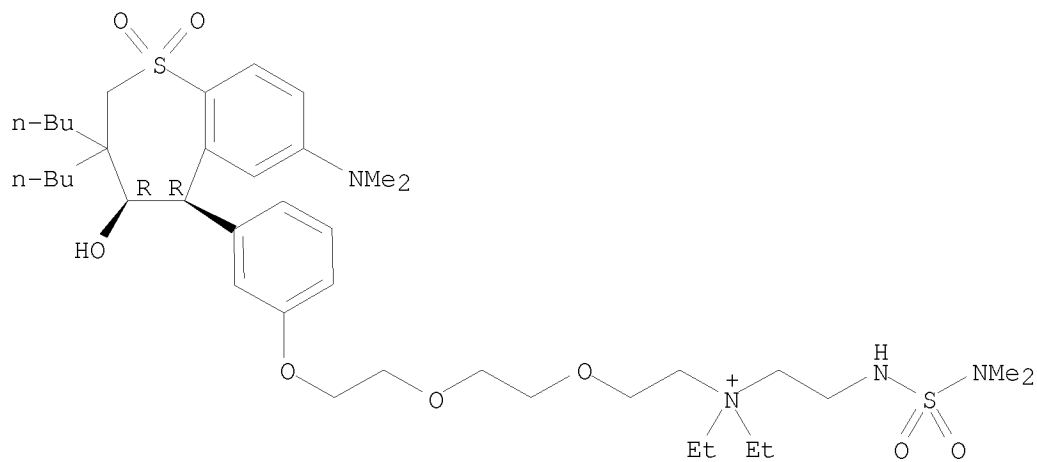
Relative stereochemistry.



RN 197377-69-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[(dimethylamino)sulfonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



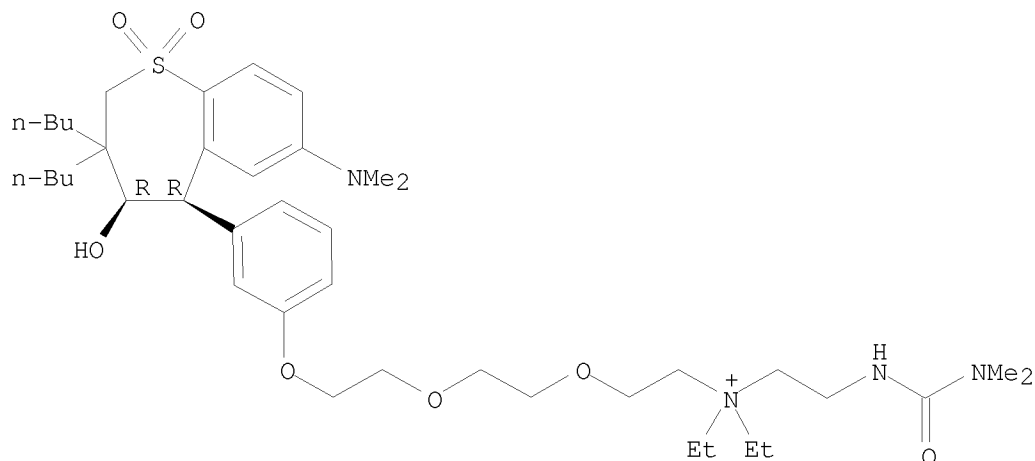
RN 197377-70-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]-N-[2-[[(dimethylamino)carbonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

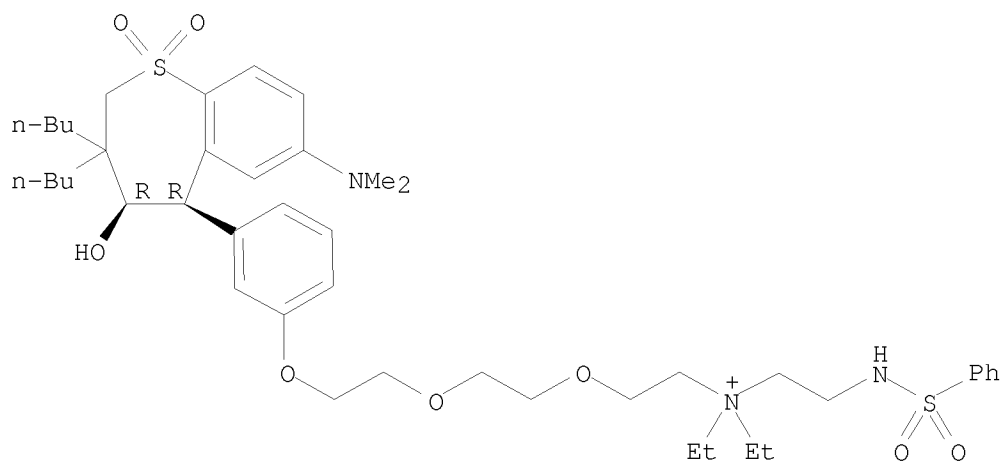
Relative stereochemistry.



RN 197377-71-2 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

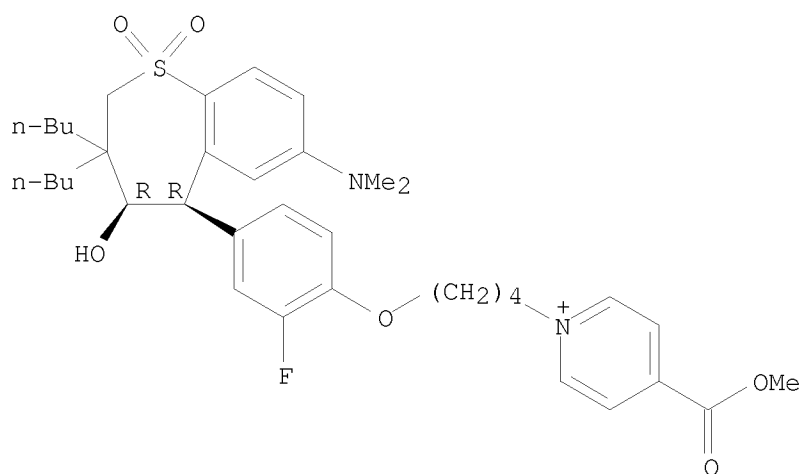


10/590,458

RN 197377-72-3 CAPLUS

CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butyl]-4-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

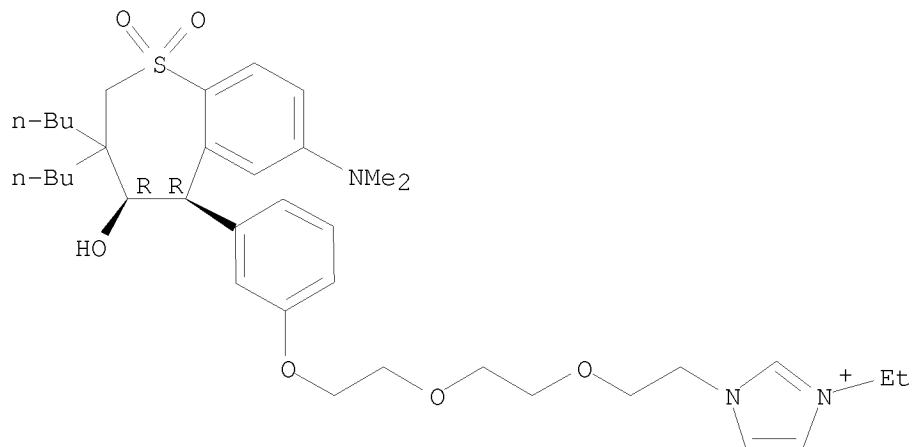


RN 197377-73-4 CAPLUS

CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

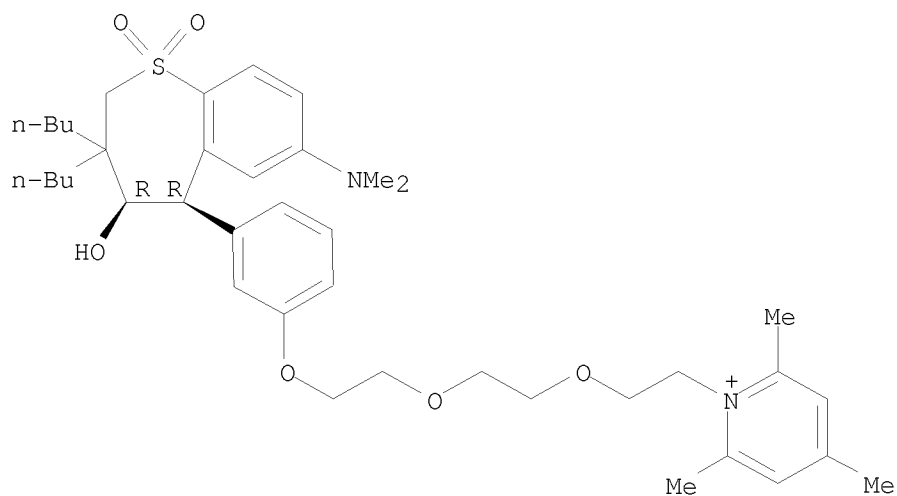
Relative stereochemistry.

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RN 197377-74-5 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,4,6-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

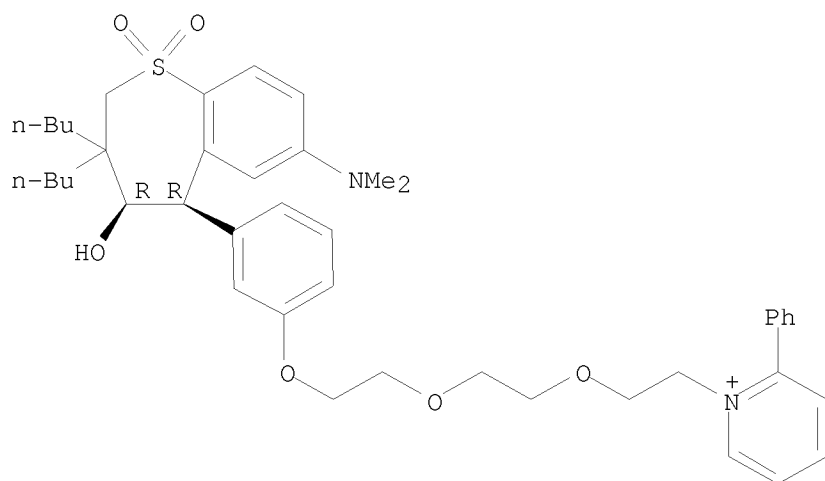


RN 197377-75-6 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

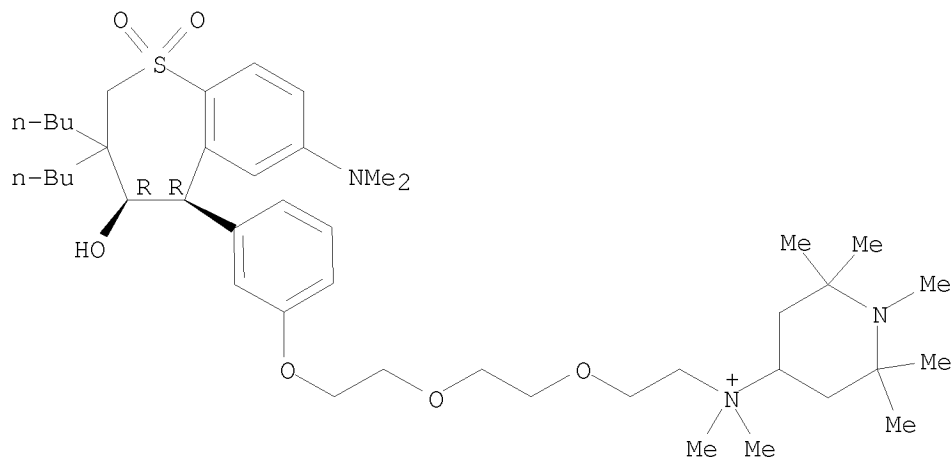


RN 197377-76-7 CAPLUS

CN 4-Piperidinaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,1,2,2,6,6-heptamethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

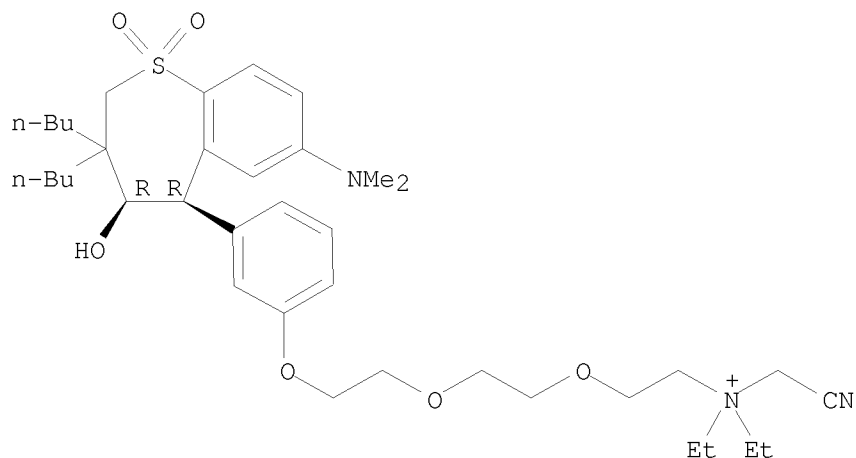
10/590,458



● I⁻

RN 197377-77-8 CAPLUS
 CN Ethanaminium, N-(cyanomethyl)-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



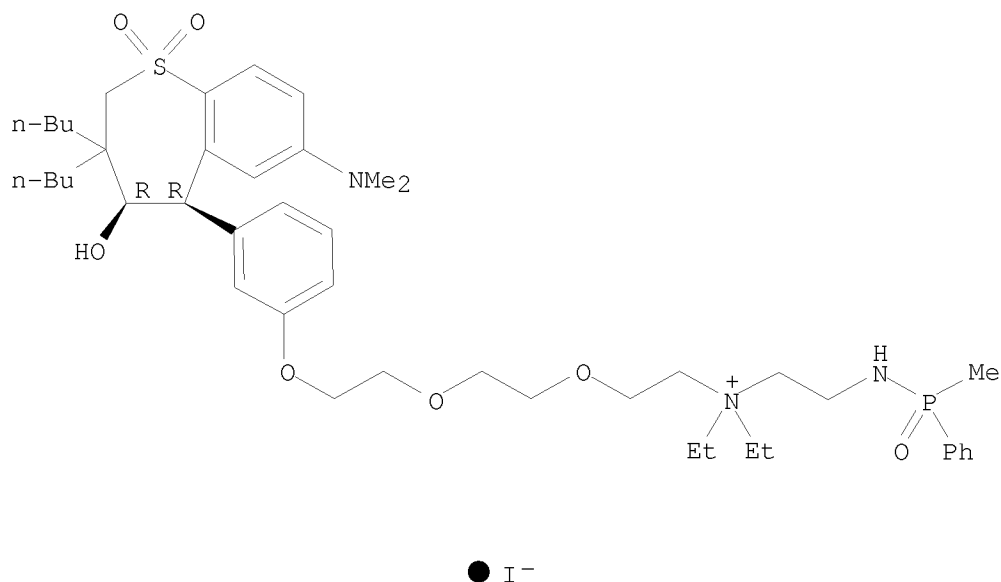
● I⁻

RN 197377-78-9 CAPLUS
 CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-

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[(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

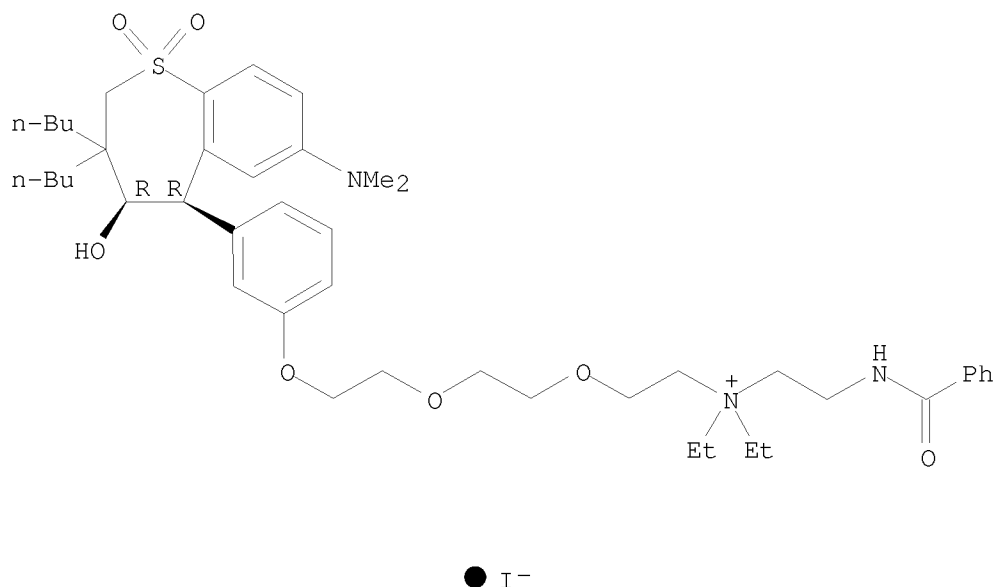
Relative stereochemistry.



RN 197377-79-0 CAPLUS

CN Ethanaminium, 2-(benzoylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

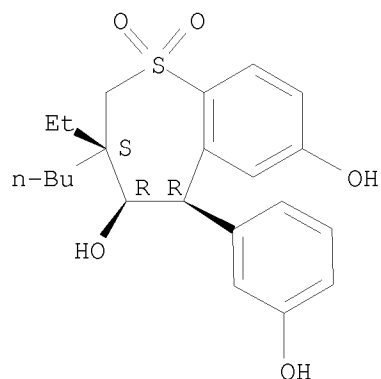
Relative stereochemistry.



RN 197377-82-5 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

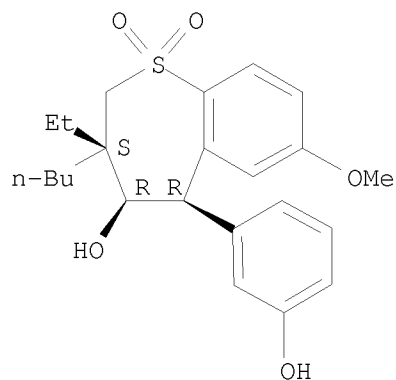
Relative stereochemistry.



RN 197377-83-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

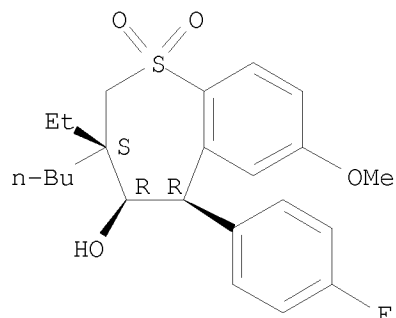
Relative stereochemistry.



RN 197377-84-7 CAPLUS

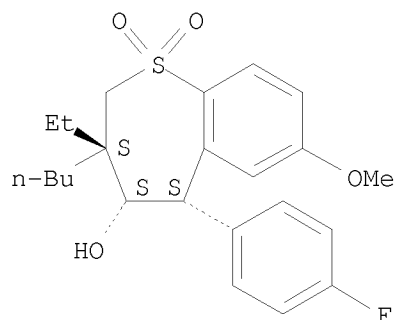
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



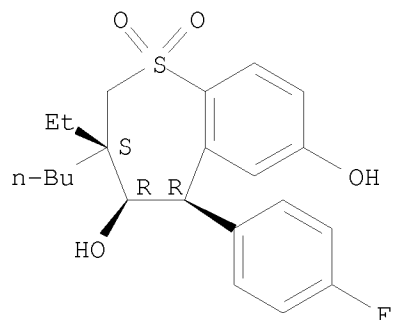
RN 197377-85-8 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-86-9 CAPLUS
 CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

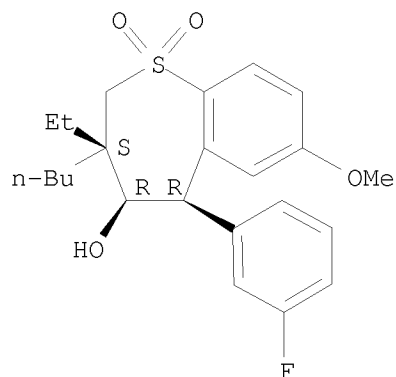
Relative stereochemistry.



RN 197377-90-5 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

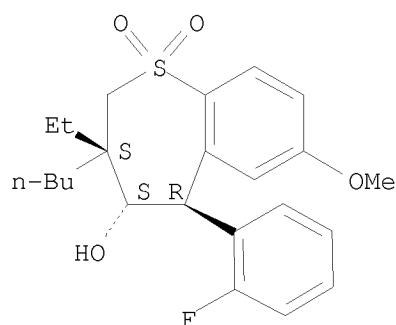
10/590,458



RN 197377-91-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

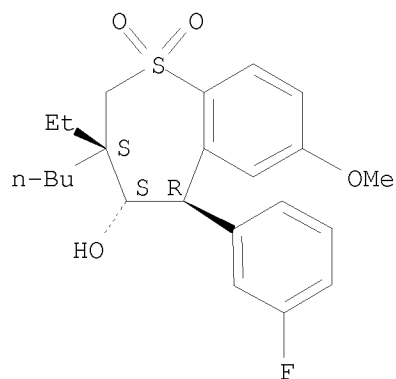
Relative stereochemistry.



RN 197377-93-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

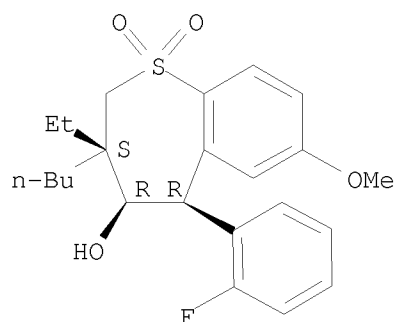


RN 197377-94-9 CAPLUS

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CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

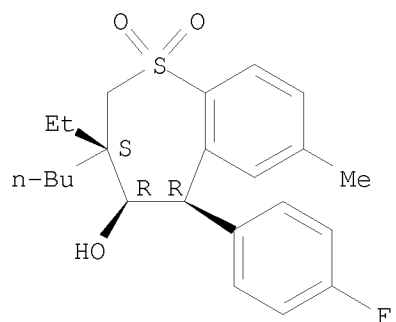
Relative stereochemistry.



RN 197377-96-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

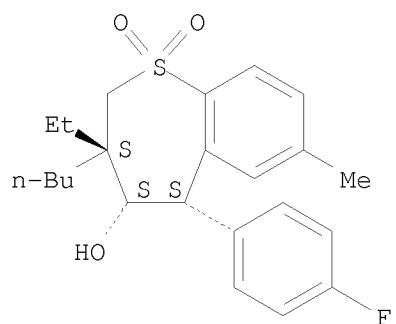
Relative stereochemistry.



RN 197377-98-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197384-36-4 CAPLUS

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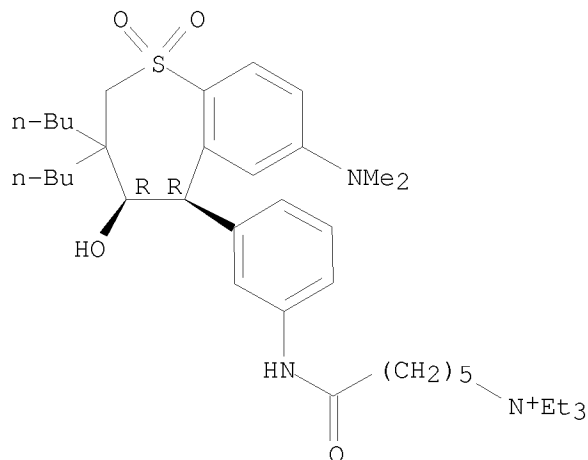
CN 1-Hexanaminium, 6-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-6-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197384-35-3

CMF C38 H62 N3 O4 S

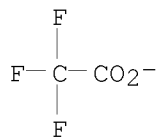
Relative stereochemistry.



CM 2

CRN 14477-72-6

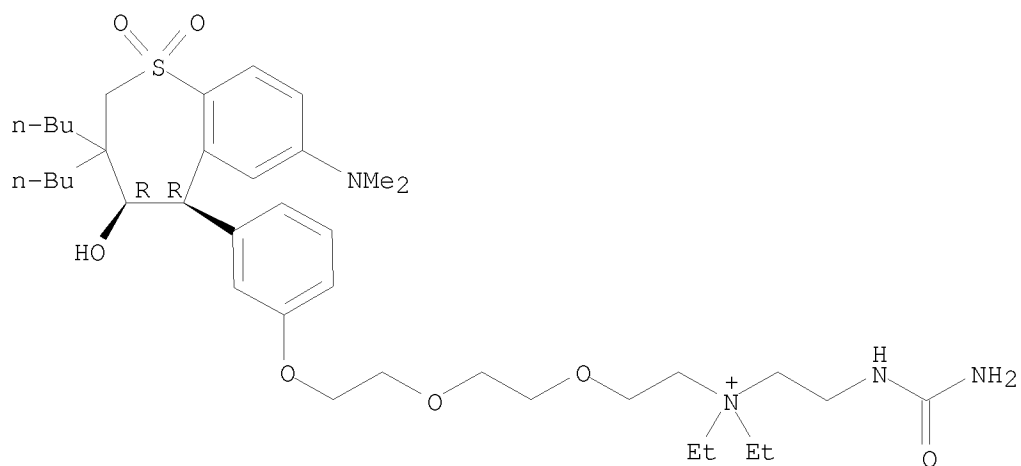
CMF C2 F3 O2



RN 197384-39-7 CAPLUS

CN Ethanaminium, 2-[(aminocarbonyl)amino]-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

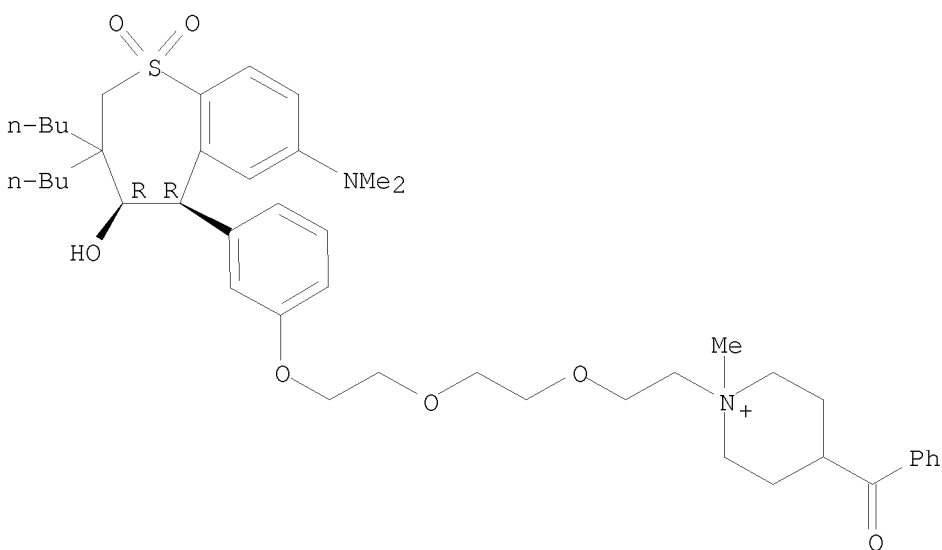


RN 197390-49-1 CAPLUS

CN Piperidinium, 4-benzoyl-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



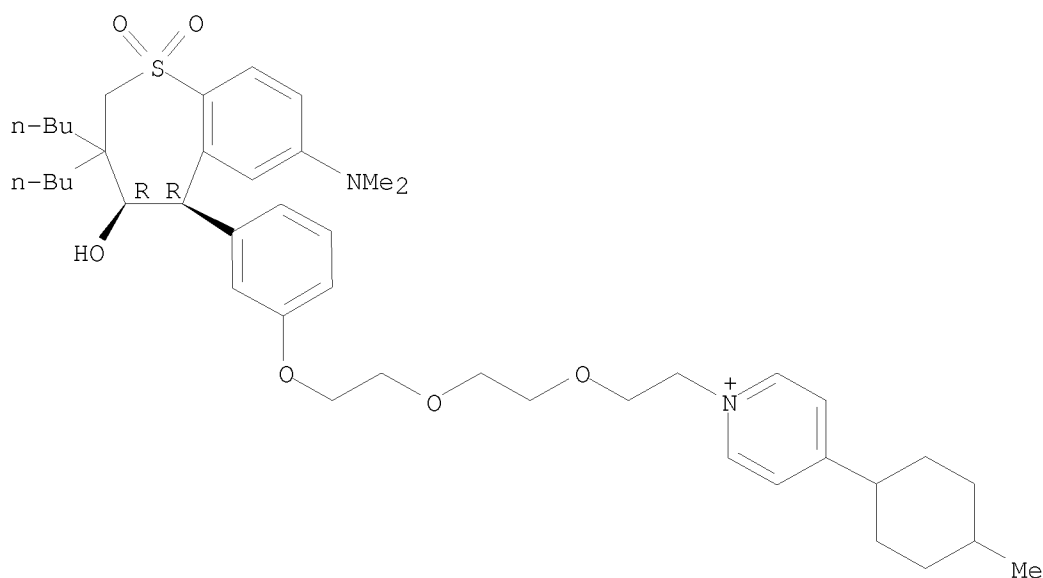
PAGE 2-A



RN 197390-68-4 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(4-methylcyclohexyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

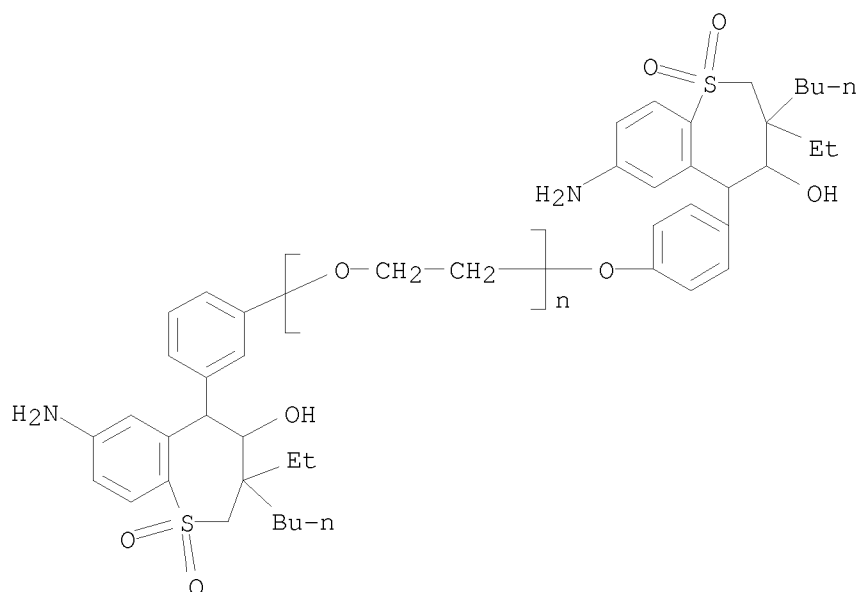
PAGE 1-A



PAGE 2-A



RN 213312-53-9 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -[3-[rel-(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -[4-[rel-(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]- (9CI) (CA INDEX NAME)

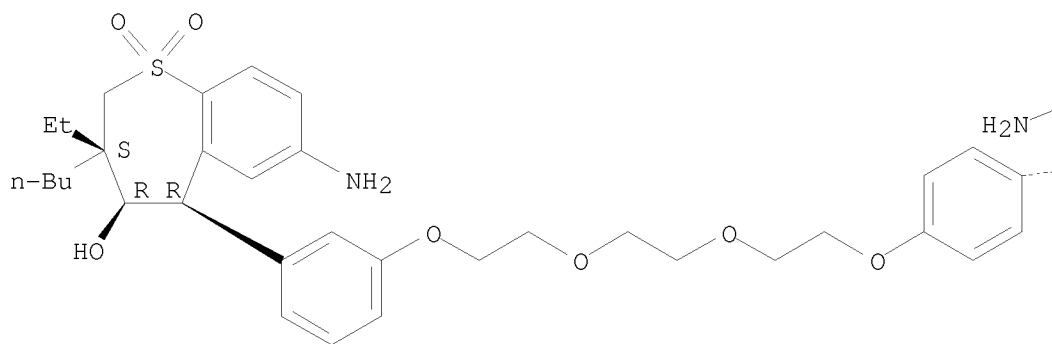


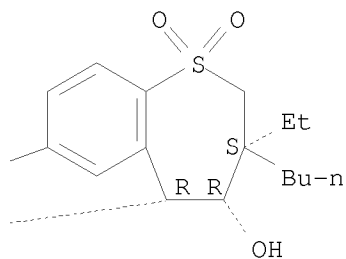
RN 213312-55-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-5-[4-[2-[2-[2-[3-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethoxy]phenyl]-3-butyl-3-ethyl-2,3,4,5-tetrahydro-1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

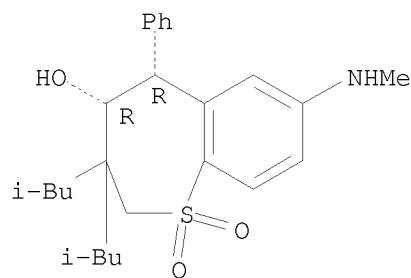




RN 213312-63-1 CAPLUS

CN 1-Benzothiepin-4-ol, 2,3,4,5-tetrahydro-7-(methylamino)-3,3-bis(2-methylpropyl)-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

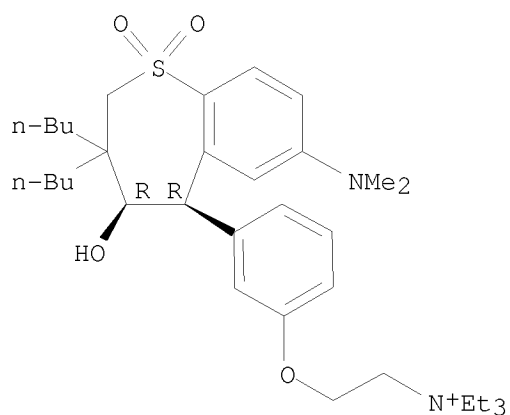


RN 213312-67-5 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

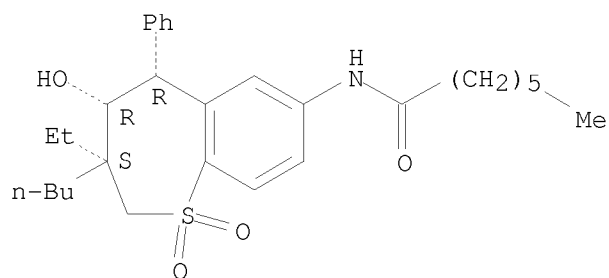
Relative stereochemistry.

10/590,458



RN 213312-77-7 CAPLUS
CN Heptanamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

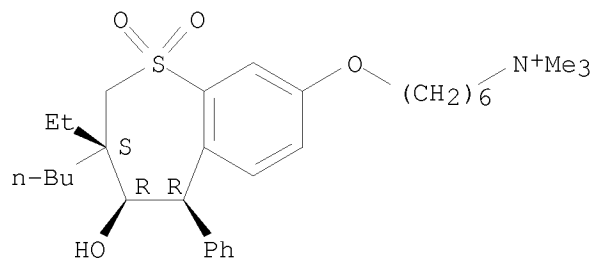
Relative stereochemistry.



RN 213312-80-2 CAPLUS
CN 1-Hexanaminium, 6-[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

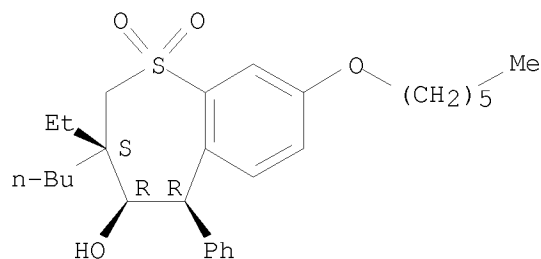
Relative stereochemistry.

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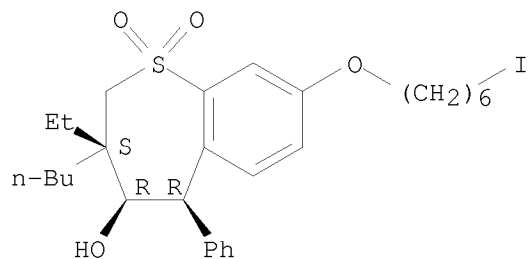
RN 213312-81-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-8-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213312-82-4 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[(6-iodohexyl)oxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

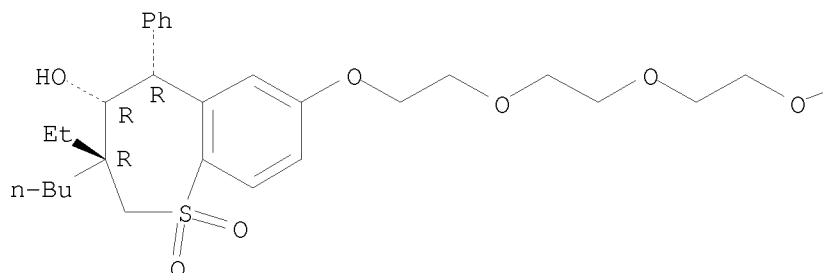
Relative stereochemistry.



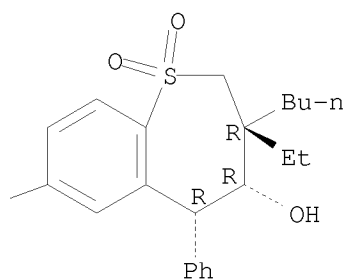
RN 213312-83-5 CAPLUS
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'R,4R,4'R,5R,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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PAGE 1-B

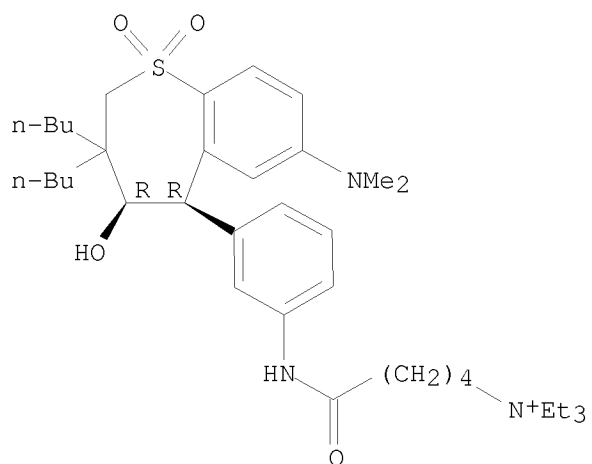


RN 213312-84-6 CAPLUS

CN 1-Pentanaminium, 5-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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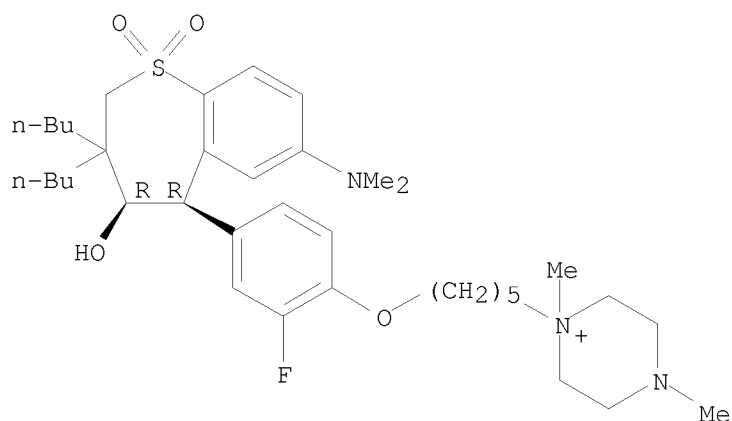


RN 213312-86-8 CAPLUS
 CN Piperazinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]pentyl]-1,4-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
 (CA INDEX NAME)

CM 1

CRN 213312-85-7
 CMF C37 H59 F N3 O4 S

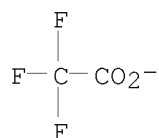
Relative stereochemistry.



CM 2

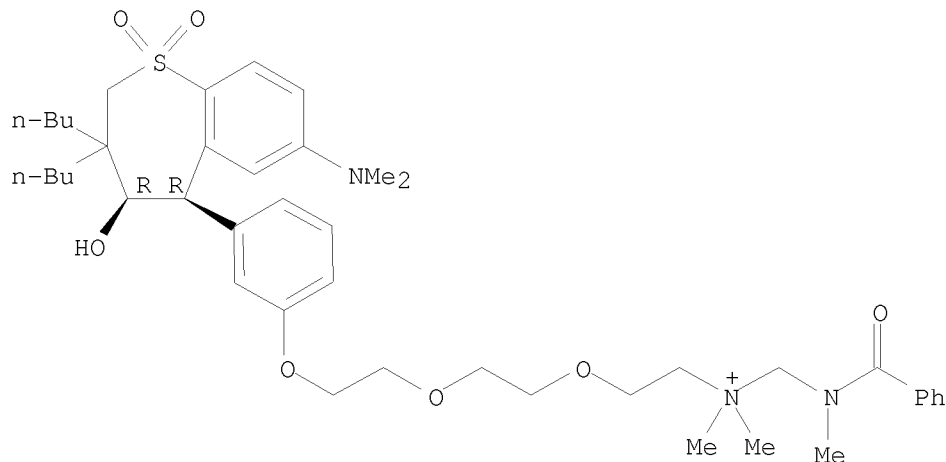
10/590,458

CRN 14477-72-6
CMF C2 F3 O2



RN 213312-87-9 CAPLUS
CN Ethanaminium, N-[(benzoylmethylamino)methyl]-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



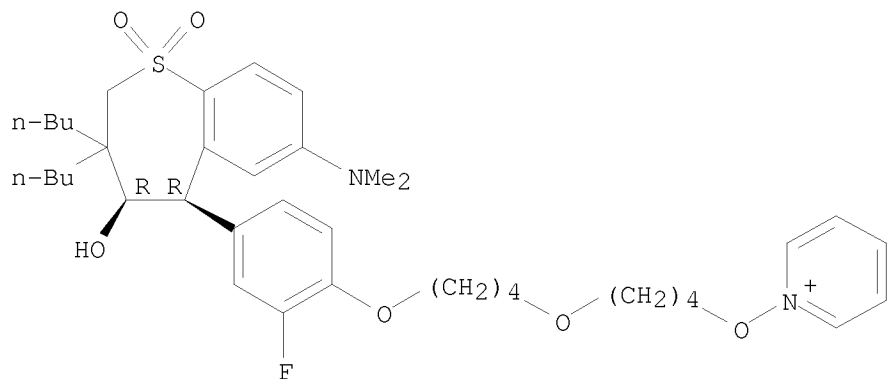
RN 213312-89-1 CAPLUS
CN Pyridinium, 1-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butoxy]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 213312-88-0
CMF C39 H56 F N2 O6 S

Relative stereochemistry.

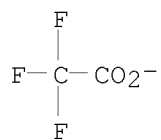
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2

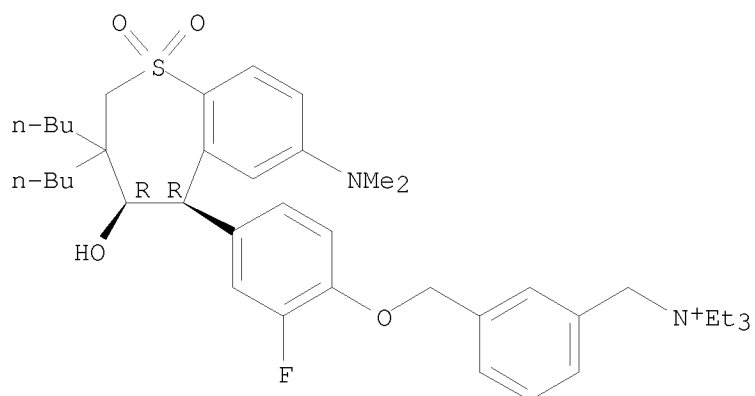


RN 213312-90-4 CAPLUS

CN Ethanaminium, N-[[3-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]phenyl]methyl]-N,N-diethyl-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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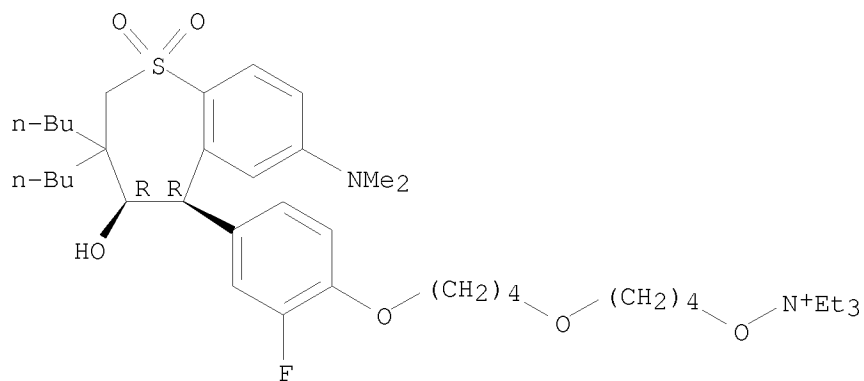
● Cl⁻

RN 213312-92-6 CAPLUS
CN Ethanaminium, N-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butoxy]-N,N-diethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 213312-91-5
CMF C40 H66 F N2 O6 S

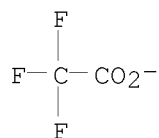
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

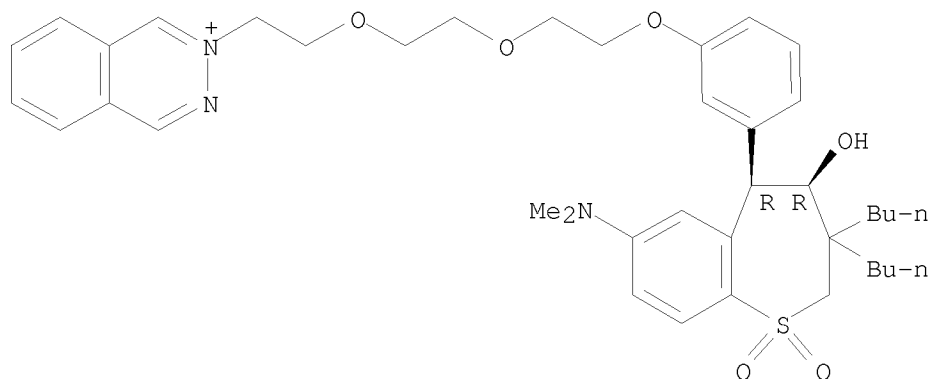
10/590,458



RN 213312-93-7 CAPLUS

CN Phthalazinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

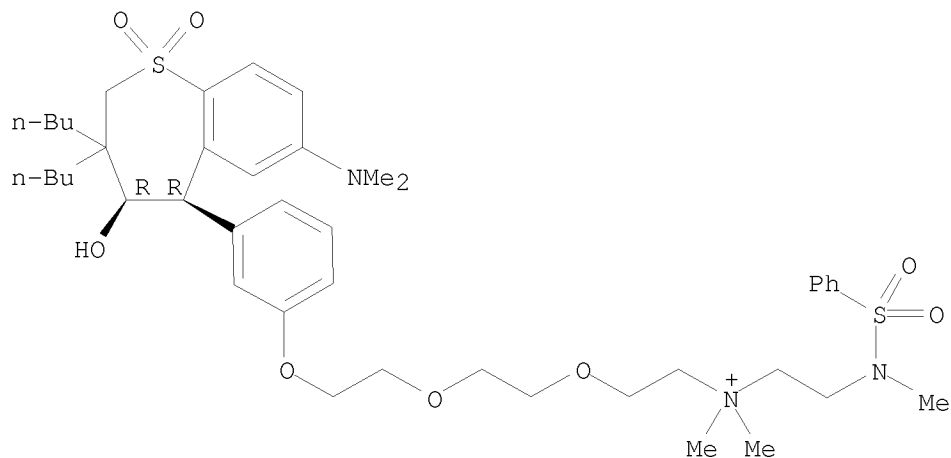
Relative stereochemistry.



RN 213312-94-8 CAPLUS

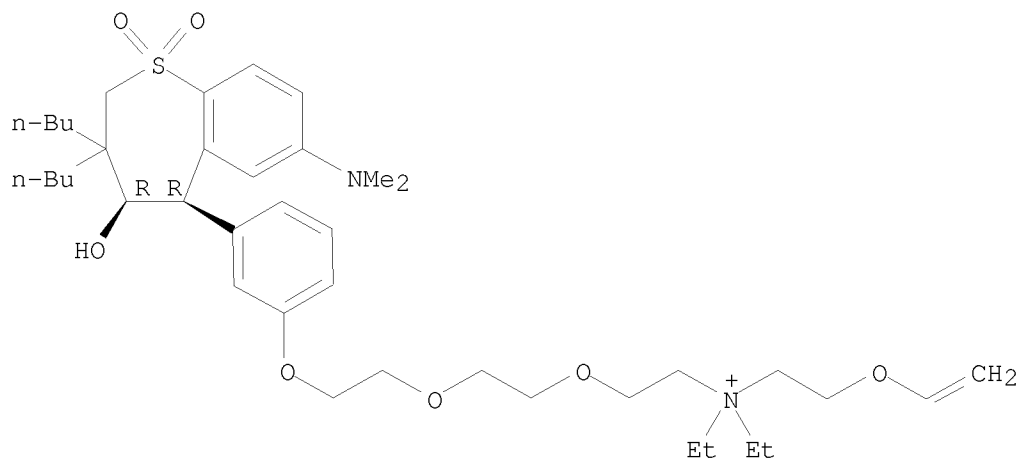
CN Ethanaminium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213312-95-9 CAPLUS
 CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(ethenyloxy)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

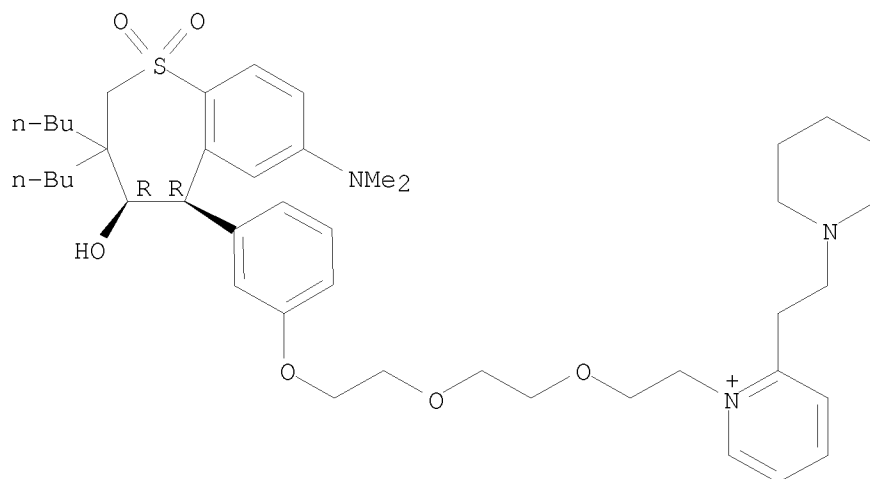


RN 213312-96-0 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[2-(1-piperidinyl)ethyl]-, iodide (1:1),

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rel- (CA INDEX NAME)

Relative stereochemistry.



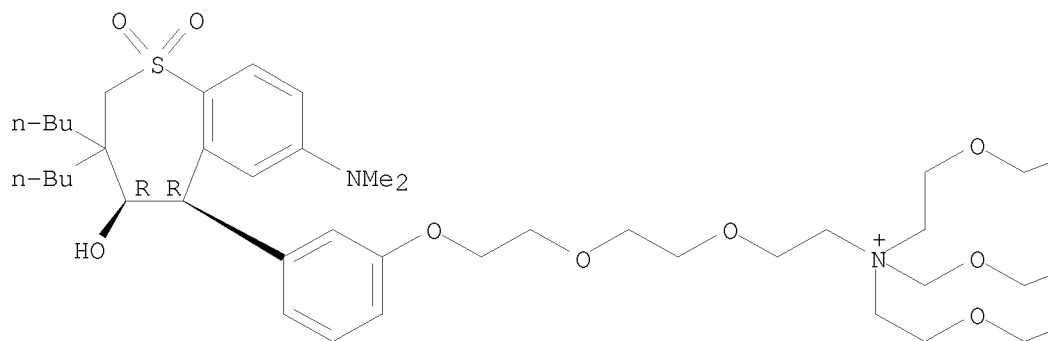
● I⁻

RN 213312-97-1 CAPLUS

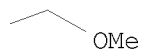
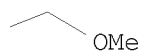
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-bis[2-(2-methoxyethoxy)ethyl]-N-(2-methoxyethoxy)methyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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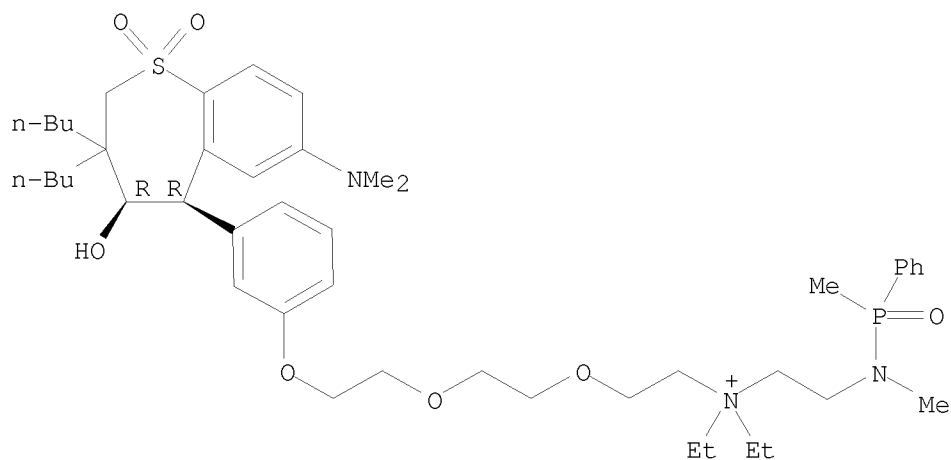


● I⁻



RN 213312-98-2 CAPLUS
 CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

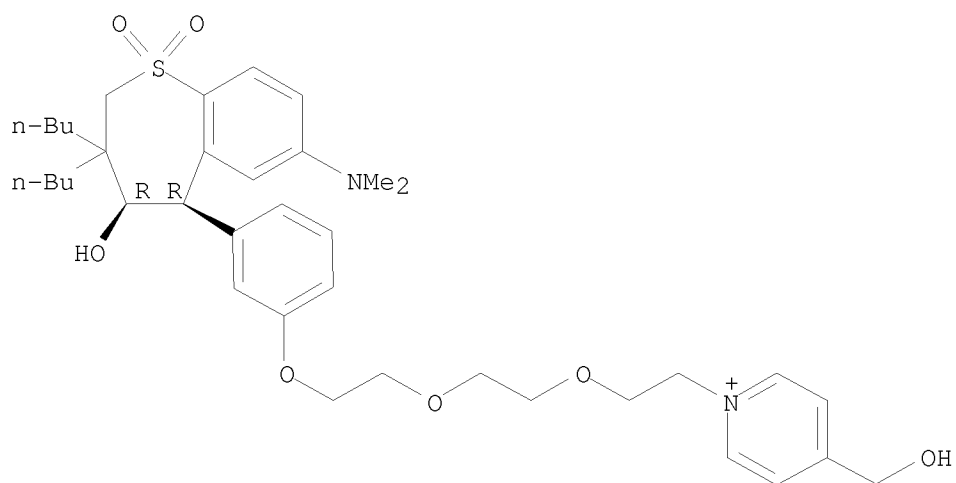
Relative stereochemistry.



RN 213312-99-3 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, iodide (1:1), rel- (CA INDEX NAME)

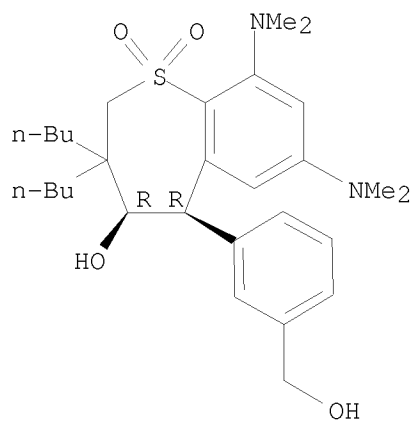
Relative stereochemistry.

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RN 213313-00-9 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

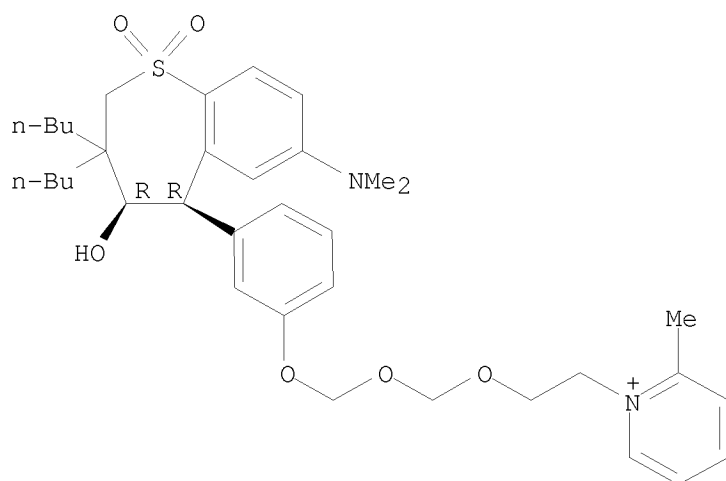
Relative stereochemistry.



RN 213313-01-0 CAPLUS
 CN Pyridinium, 1-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-2-methyl-, iodide (1:1), rel- (CA INDEX NAME)

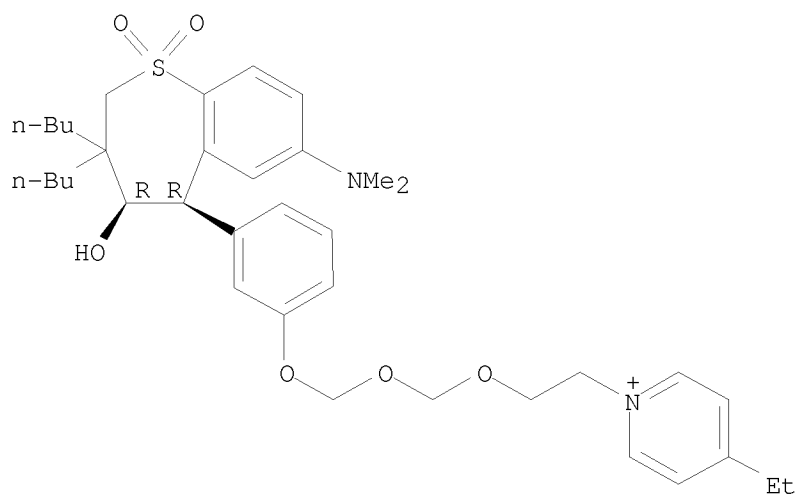
Relative stereochemistry.

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RN 213313-02-1 CAPLUS
CN Pyridinium, 1-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

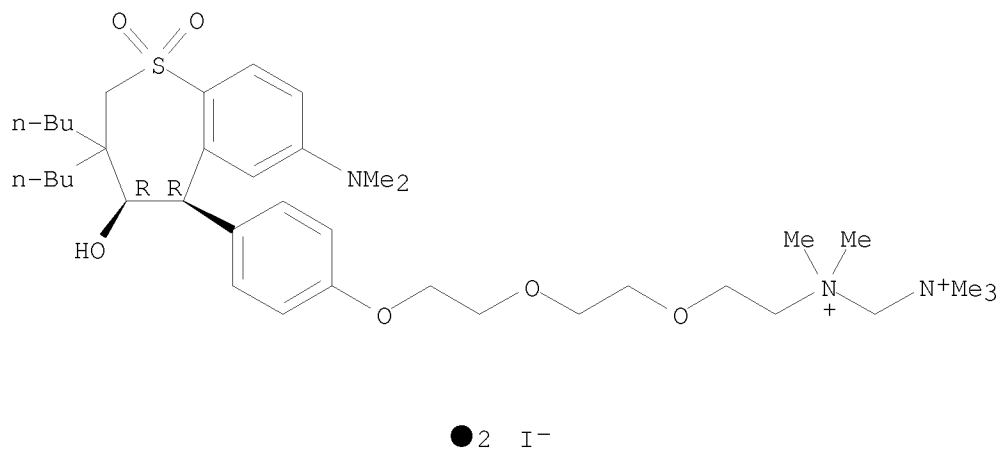


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RN 213313-03-2 CAPLUS

CN Methanedianium, N-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,N',N',N'-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213313-05-4 CAPLUS

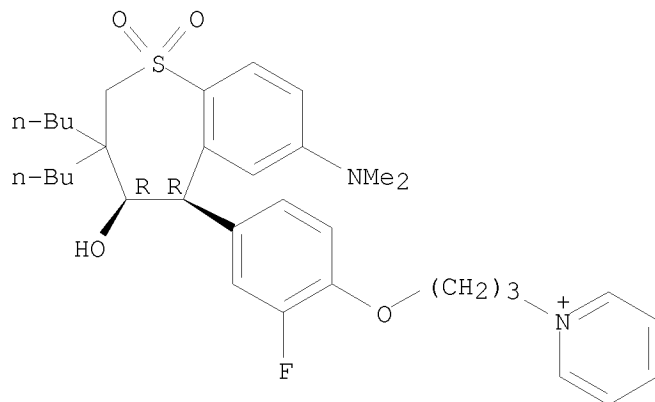
CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 213313-04-3

CMF C34 H46 F N2 O4 S

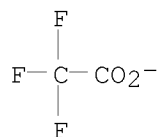
Relative stereochemistry.



CM 2

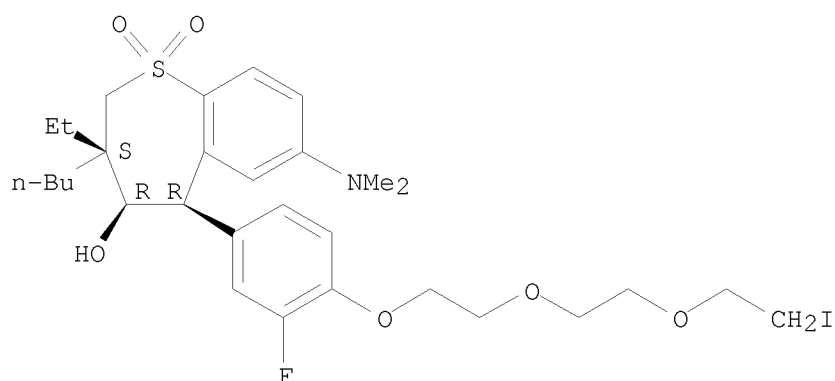
10/590,458

CRN 14477-72-6
CMF C2 F3 O2



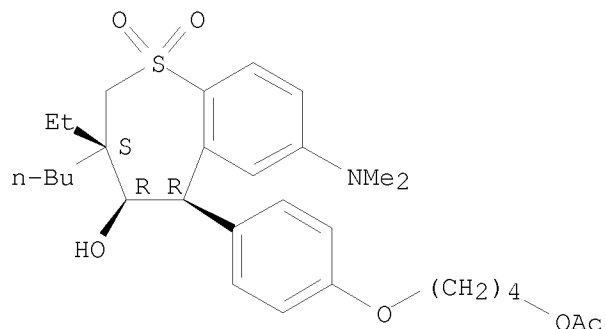
RN 213313-06-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-[3-fluoro-4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 213313-07-6 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-[4-(acetyloxy)butoxy]phenyl]-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

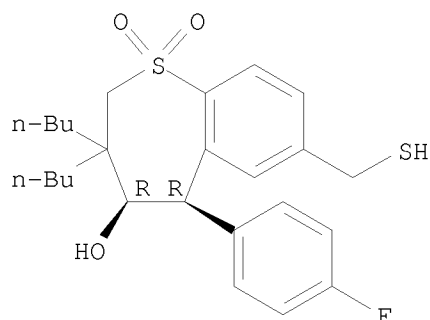


RN 213313-08-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-

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(mercaptomethyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

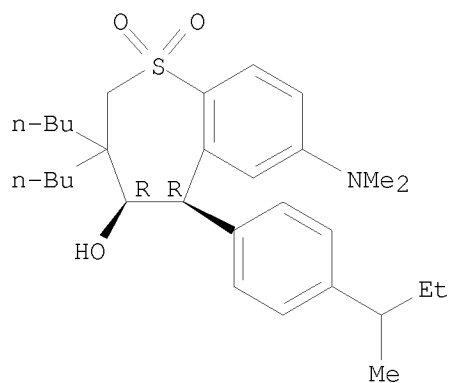
Relative stereochemistry.



RN 213313-10-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(1-methylpropyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

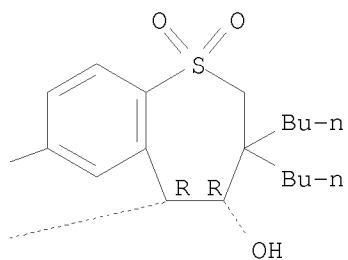
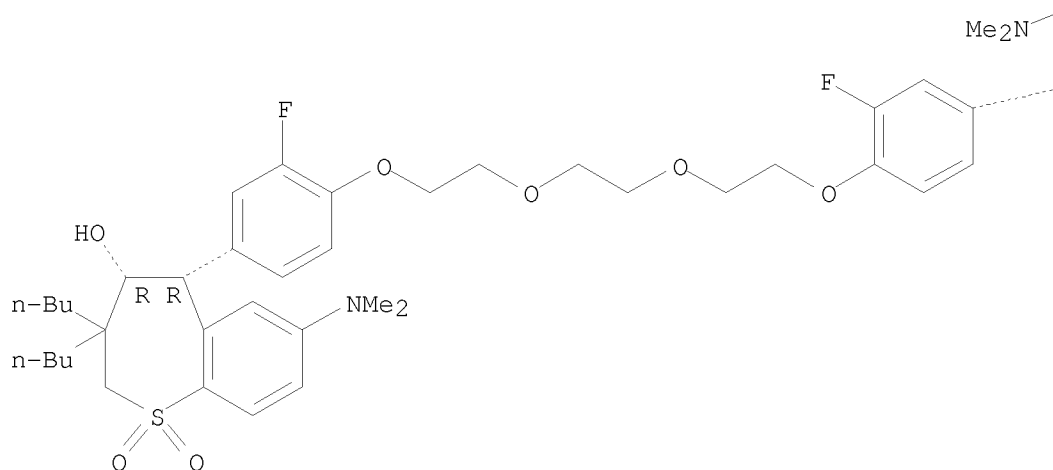
Relative stereochemistry.



RN 213313-11-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis[oxy-2,1-ethanediyl]oxy(3-fluoro-4,1-phenylene)]]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'R,5R,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

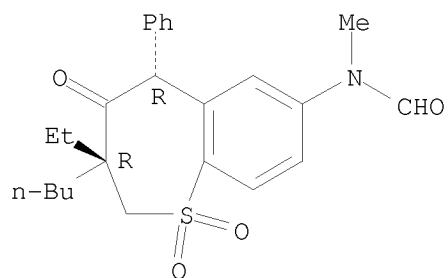


RN 213313-15-6 CAPLUS

CN Formamide, N-[(3R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-1,1-dioxido-4-oxo-5-phenyl-1-benzothiepin-7-yl]-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

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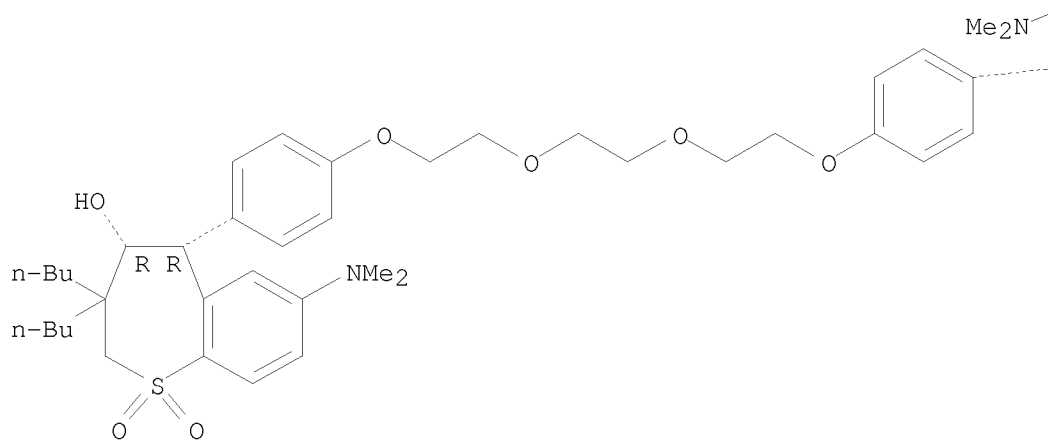


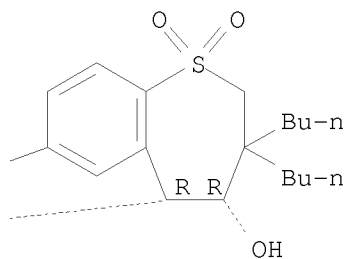
RN 213313-18-9 CAPLUS

CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy-4,1-phenylene)]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'R,5R,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

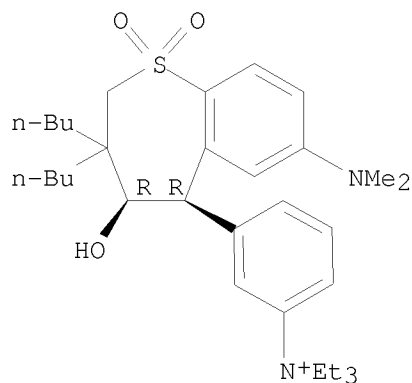
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RN 213313-20-3 CAPLUS
 CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, bromide (1:1), rel- (CA INDEX NAME)

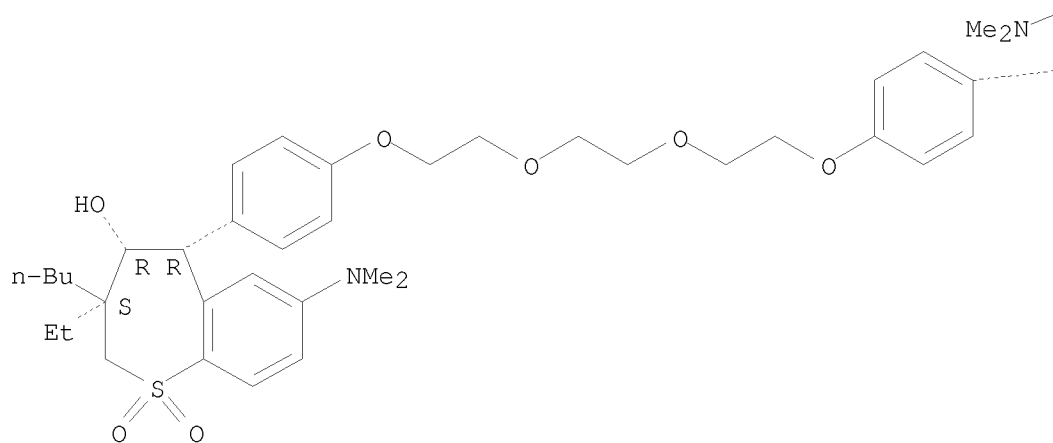
Relative stereochemistry.



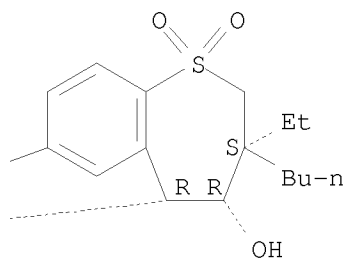
RN 213313-21-4 CAPLUS
 CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy-4,1-phenylene)]bis[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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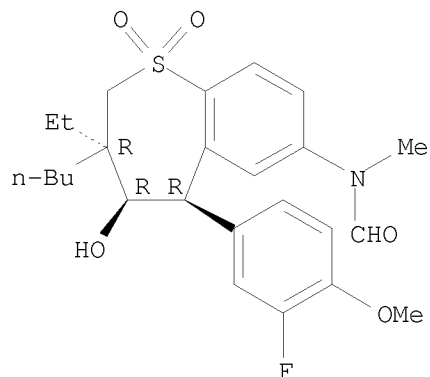


RN 213313-22-5 CAPLUS

CN Formamide, N-[(3R,4R,5R)-3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-N-methyl-,
rel- (CA INDEX NAME)

Relative stereochemistry.

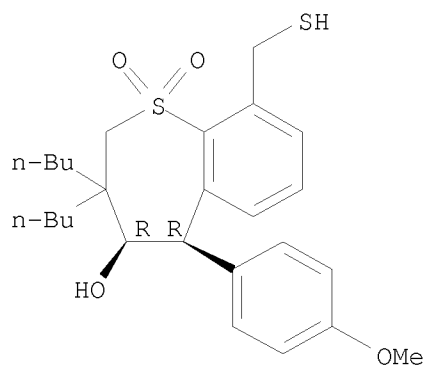
10/590,458



RN 213313-23-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-9-(mercaptomethyl)-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

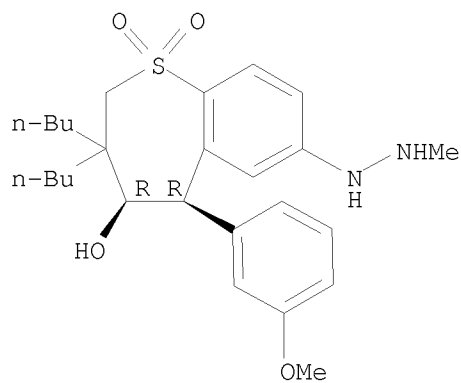
Relative stereochemistry.



RN 213313-25-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(2-methylhydrazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

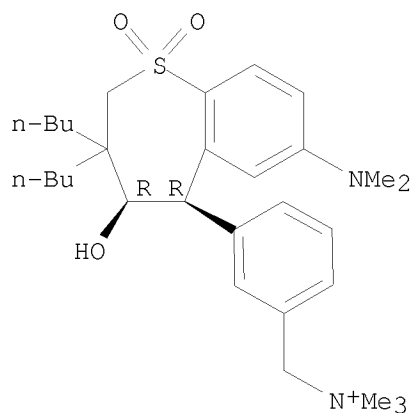


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RN 213313-26-9 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

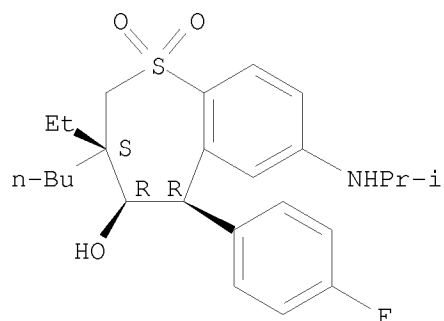
Relative stereochemistry.



RN 213313-27-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-[(1-methylethyl)amino]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

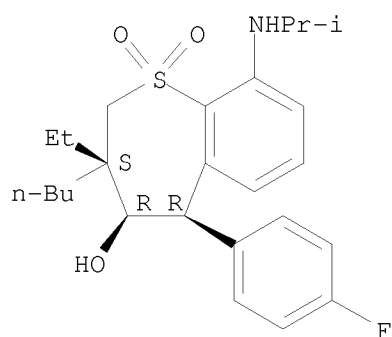
Relative stereochemistry.



RN 213313-28-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-[(1-methylethyl)amino]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

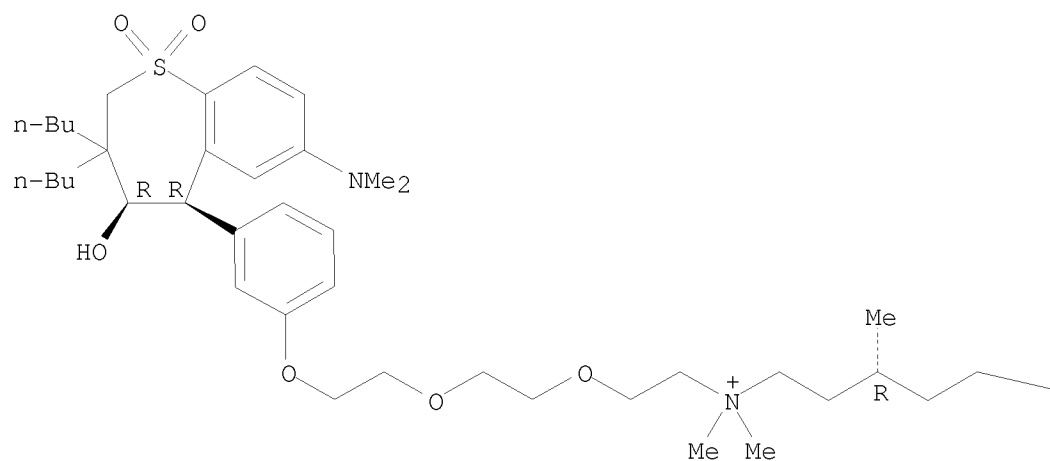


RN 213313-29-2 CAPLUS

1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-5-(dimethylamino)-N,N,3-trimethyl-, iodide
(1:1), (3R)-rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

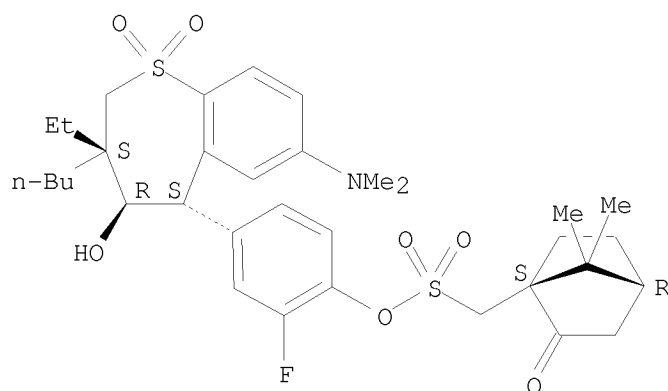


● I -

—NMe₂

RN 213313-30-5 CAPLUS
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,
 4-[(3R,4S,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenyl ester,
 (1R,4S)-rel- (CA INDEX NAME)

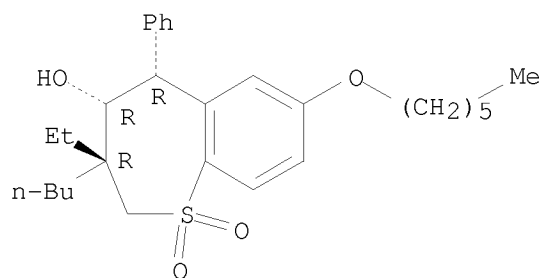
Relative stereochemistry.



RN 213313-31-6 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexyloxy)-2,3,4,5-tetrahydro-5-
 phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

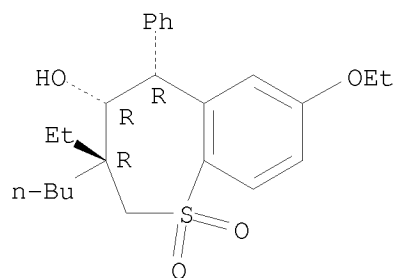
10/590,458



RN 213313-32-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

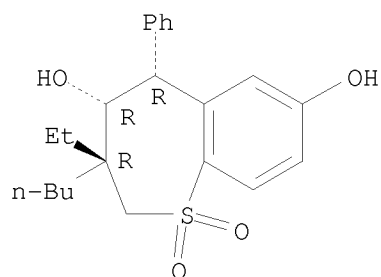
Relative stereochemistry.



RN 213313-33-8 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

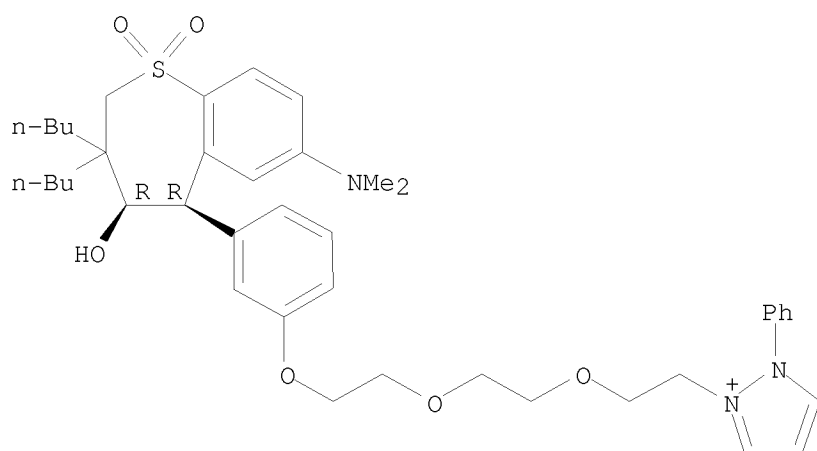
Relative stereochemistry.



RN 213313-34-9 CAPLUS

CN 1H-Pyrazolium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

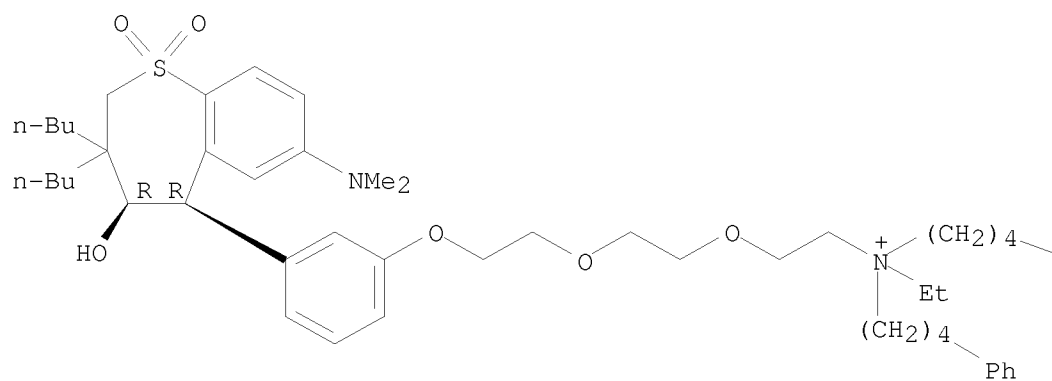
Relative stereochemistry.



RN 213313-35-0 CAPLUS
 CN Benzenebutanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-ethyl-N-(4-phenylbutyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



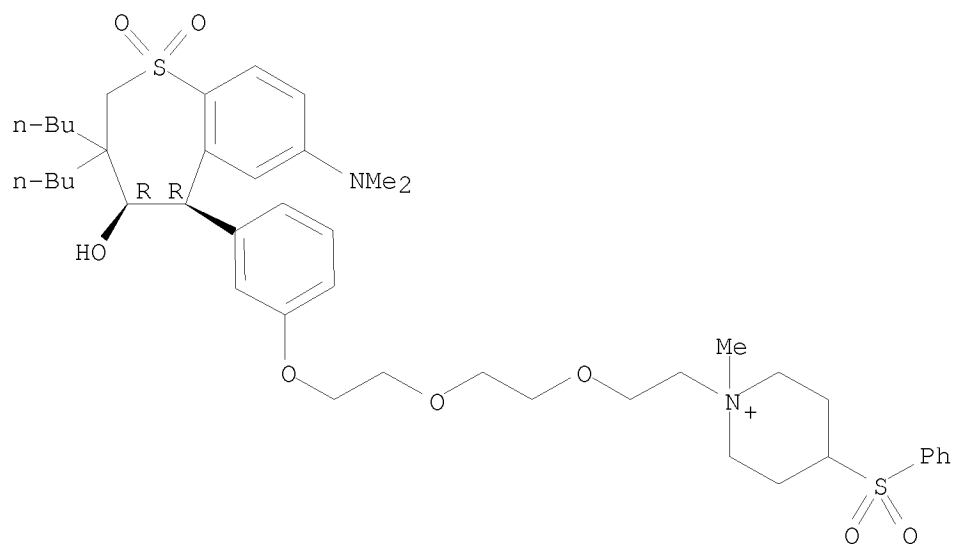
PAGE 1-B

Ph

RN 213386-72-2 CAPLUS
 CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(phenylsulfonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

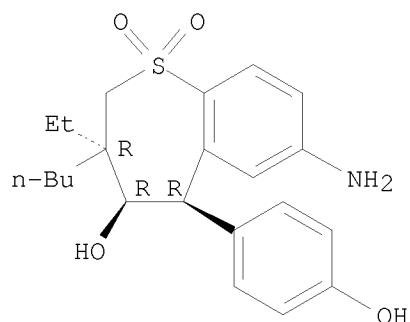
● I⁻

IT 197372-97-7 197372-98-8 197375-48-7
 197375-49-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of ileal bile acid transport inhibiting benzothiepinines for
 combination therapy with HMG Co-A reductase inhibitors)
 RN 197372-97-7 CAPLUS
 CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-

10/590,458

hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

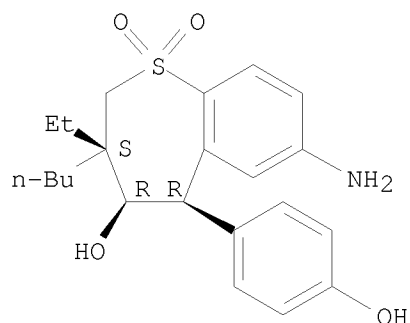
Relative stereochemistry.



RN 197372-98-8 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

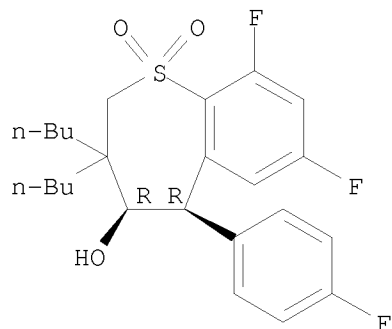
Relative stereochemistry.



RN 197375-48-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

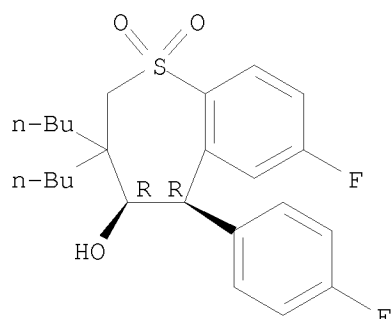


RN 197375-49-8 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 197373-04-9P 197373-05-0P 197373-42-5P
197373-43-6P 197373-44-7P 197373-46-9P
197373-47-0P 197373-49-2P 197373-50-5P
197373-51-6P 197373-55-0P 197373-56-1P
197373-57-2P 197373-58-3P 213312-74-4P
213312-76-6P

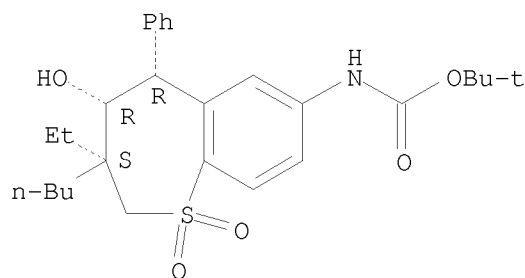
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of ileal bile acid transport inhibiting benzothiepinines for combination therapy with HMG Co-A reductase inhibitors)

RN 197373-04-9 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

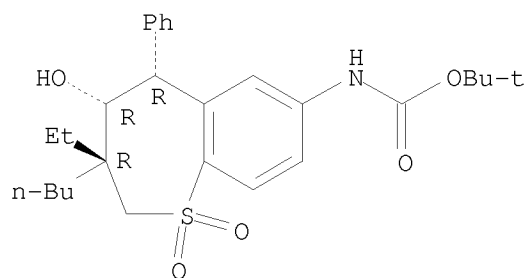
Relative stereochemistry.



RN 197373-05-0 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

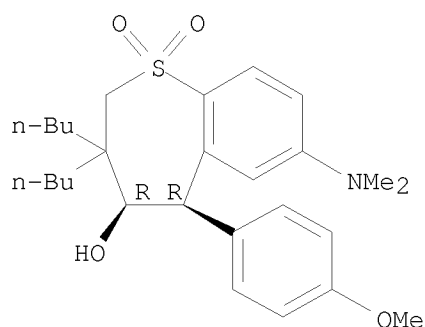
Relative stereochemistry.



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

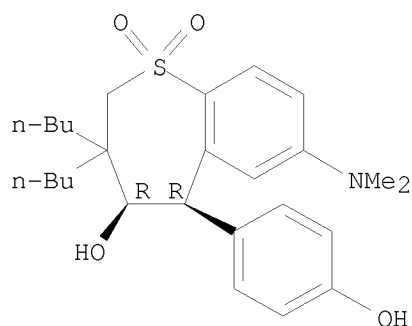
Relative stereochemistry.



RN 197373-43-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

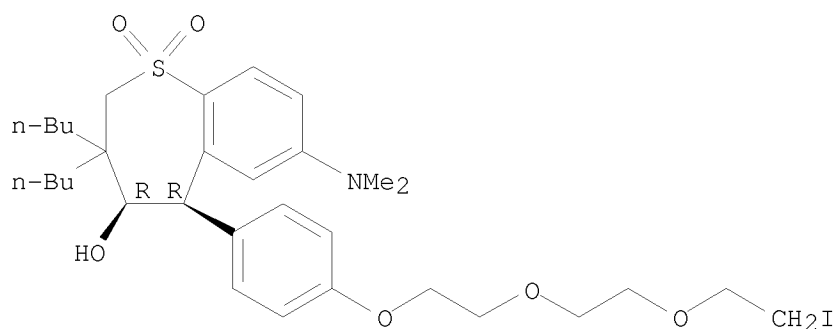


RN 197373-44-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

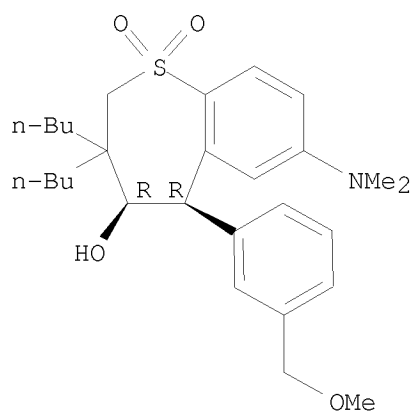
10/590,458



RN 197373-46-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(methoxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

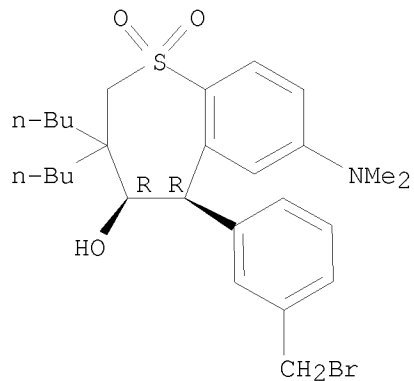


RN 197373-47-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

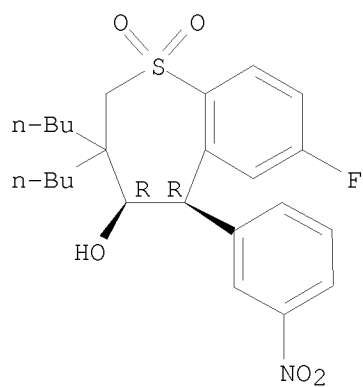
10/590,458



RN 197373-49-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

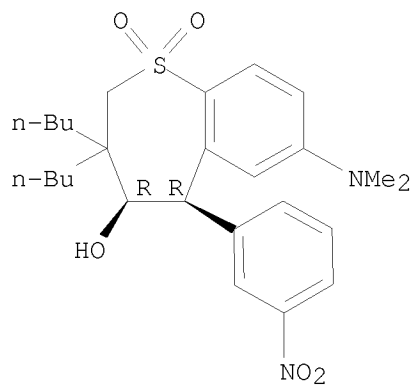
Relative stereochemistry.



RN 197373-50-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

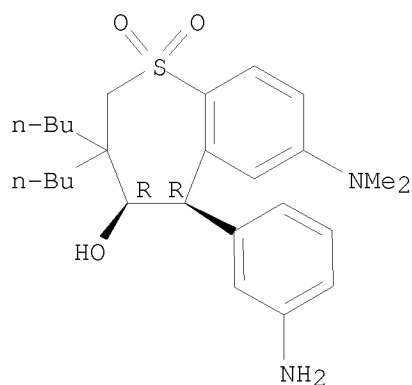


10/590,458

RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

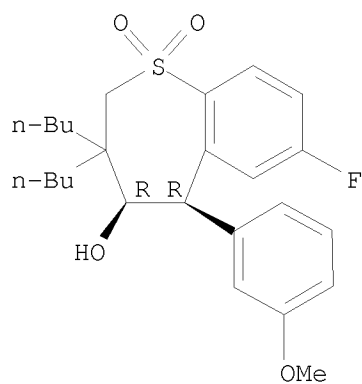
Relative stereochemistry.



RN 197373-55-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

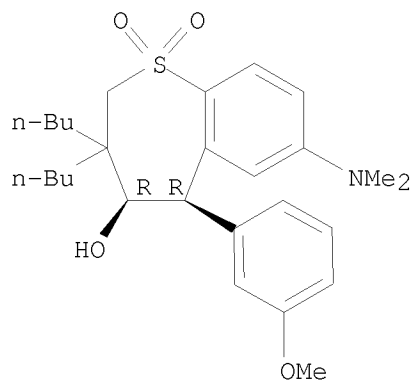


RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

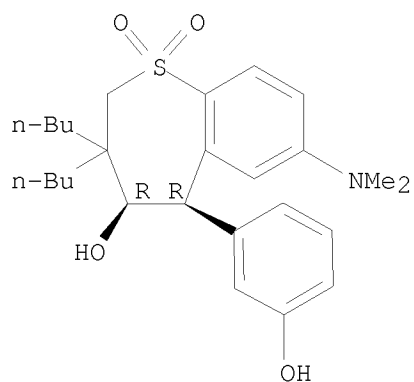
10/590,458



RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

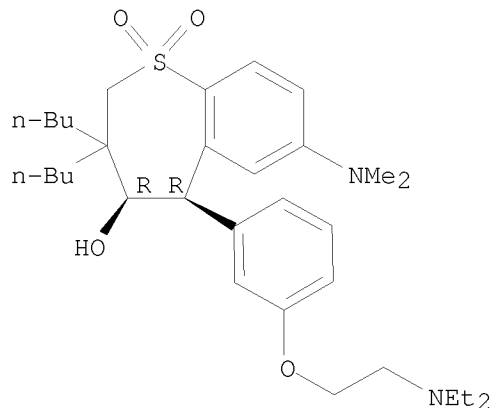


RN 197373-58-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-[2-(diethylamino)ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

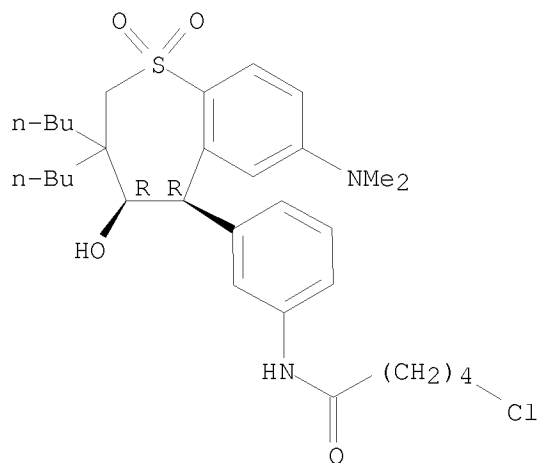
10/590,458



RN 213312-74-4 CAPLUS

CN Pentanamide, 5-chloro-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

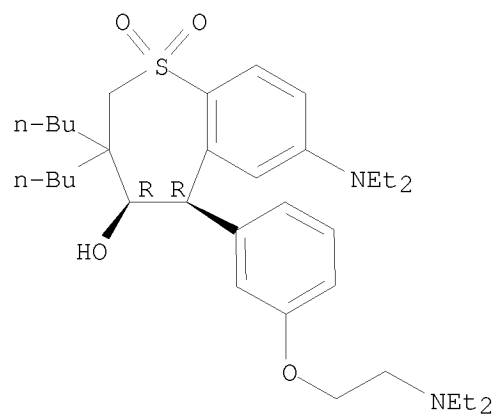


RN 213312-76-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-5-[3-[2-(diethylamino)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458



OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS
RECORD (20 CITINGS)

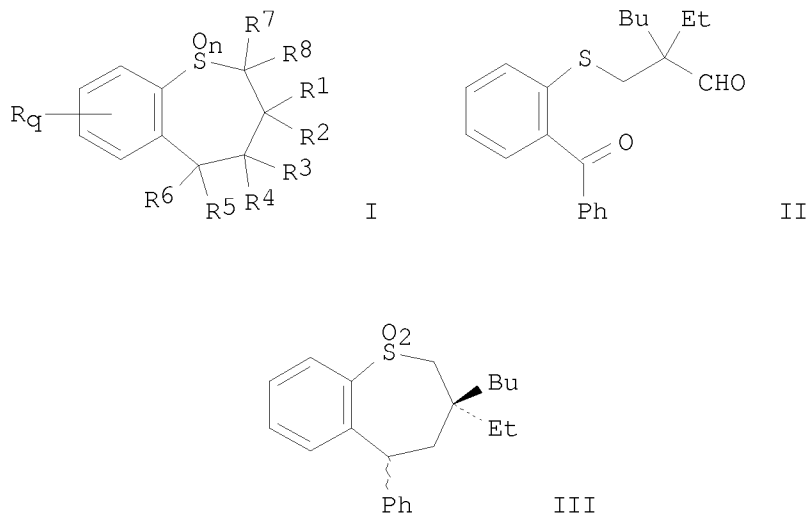
L17 ANSWER 44 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:623163 CAPLUS
 DOCUMENT NUMBER: 127:307312
 ORIGINAL REFERENCE NO.: 127:60105a,60108a
 TITLE: Novel benzothiepinines having activity as inhibitors of ileal bile acid transport and taurocholate uptake
 INVENTOR(S): Reitz, David B.; Lee, Len F.; Li, Jinglin J.; Huang, Horng-Chih; Tremont, Samuel J.; Miller, Raymond E.; Banerjee, Shyamal C.
 PATENT ASSIGNEE(S): G.D. Searle and Co., USA; Reitz, David B.; Lee, Len F.; Li, Jinglin J.; Huang, Horng-Chih; Tremont, Samuel J.; Miller, Raymond E.; Banerjee, Shyamal C.
 SOURCE: PCT Int. Appl., 406 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9733882	A1	19970918	WO 1997-US4076	19970311
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2248586	A1	19970918	CA 1997-2248586	19970311
CA 2506703	A1	19970918	CA 1997-2506703	19970311
AU 9723266	A	19971001	AU 1997-23266	19970311
AU 723123	B2	20000817		
EP 888333	A1	19990107	EP 1997-915976	19970311
EP 888333	B1	20050831		
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CN 1221414	A	19990630	CN 1997-194503	19970311
CN 1110494	C	20030604		
BR 9708042	A	19990727	BR 1997-8042	19970311
HU 9903047	A2	20010528	HU 1999-3047	19970311
HU 9903047	A3	20021228		
JP 2001526627	T	20011218	JP 1997-532875	19970311
RU 2202549	C2	20030420	RU 1998-118643	19970311
CN 1515567	A	20040728	CN 2003-2003110500	19970311
EP 1440972	A1	20040728	EP 2004-10088	19970311
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
AT 303378	T	20050915	AT 1997-915976	19970311
NO 9804146	A	19981030	NO 1998-4146	19980909
AU 761249	B2	20030529	AU 2000-53394	20000816
US 20030171426	A1	20030911	US 2002-76091	20020215
US 6642268	B2	20031104		
AU 2003201377	A1	20030612	AU 2003-201377	20030318
PRIORITY APPLN. INFO.:			US 1996-13119P	P 19960311
			US 1997-816065	A 19970311
			US 1994-305526	B2 19940913
			US 1995-517051	B1 19950821
			AU 1997-23266	A3 19970311

CA 1997-2248586	A3 19970311
EP 1997-915976	A3 19970311
US 1997-40660P	P 19970311
WO 1997-US4076	W 19970311
US 1997-831284	B3 19970331
AU 2000-53394	A3 20000816
US 2000-676466	A3 20000929

OTHER SOURCE(S): MARPAT 127:307312
GI



AB Novel benzothiepinines I [$q = 1-4$; $n = 0-2$; $R = H$, halo, (un)substituted alk(en/yn)yl, acyloxy, aryl, heterocyclyl, OH or NH₂ or SH or derivs., etc.; $R_1, R_2 = H$, (un)substituted and/or heteroatom-replaced alk(en/yn)yl, cycloalkyl, aryl, alkoxy, alkylthio, dialkylamino; or $CR_1R_2 = C_3-10$ cycloalkylidene; $R_3, R_4 = H$, alk(en/yn)yl, acyloxy, aryl, heterocyclyl, OH or NH₂ or SH or derivs.; or $R_3R_4 = O, S, NH, NOH, NNH_2, CH_2$ or derivs.; $R_5, R_6 = H$, (un)substituted alk(en/yn)yl, cycloalkyl, aryl, heterocyclyl, OH or SH or derivs.; $R_7, R_8 = H$, alkyl] and their derivs. and analogs are provided. Also provided are pharmaceutical compns. containing I and methods of their medical use, particularly in the prophylaxis and treatment of hyperlipidemic conditions, such as those associated with atherosclerosis or hypercholesterolemia. For instance, the keto aldehyde II was cyclized by Zn/TiCl₃, and the resultant cycloolefin was oxidized and epoxidized by m-ClC₆H₄C(O)OOH and hydrogenated over Pd/C to give epimeric title compds. α - and β -III in 25% and 13% yield, plus addnl. compds. In a test for inhibition of IBAT-mediated uptake of [¹⁴C]-taurocholate in H14 cells in vitro, β -III had an IC₅₀ of 5 μ M.

IT 197378-62-4P

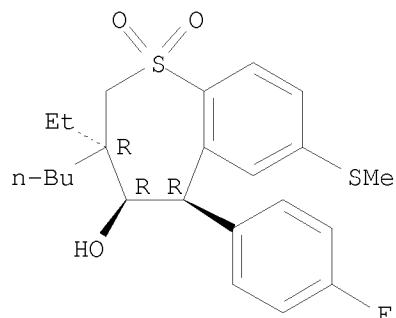
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(byproduct; preparation of benzothiepinines as antihyperlipidemics)

RN 197378-62-4 CAPLUS

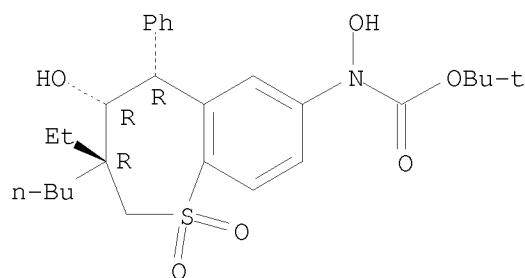
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



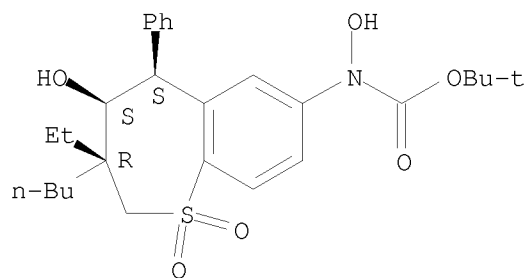
IT 197378-01-1P 197378-03-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (intermediate; preparation of benzothiepine as antihyperlipidemics)
 RN 197378-01-1 CAPLUS
 CN Carbamic acid, (3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-
 phenyl-1-benzothiepin-7-yl)hydroxy-, 1,1-dimethylethyl ester,
 (3 α , 4 α , 5 α)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 197378-03-3 CAPLUS
 CN Carbamic acid, [(3R, 4S, 5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-
 1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]hydroxy-, 1,1-dimethylethyl
 ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 178678-25-6P 178678-26-7P 178678-27-8P

178678-46-1P	178897-97-7P	178898-00-5P
197372-71-7P	197372-76-2P	197372-77-3P
197372-78-4P	197372-97-7P	197373-13-0P
197373-14-1P	197373-42-5P	197373-44-7P
197373-46-9P	197373-47-0P	197373-49-2P
197373-50-5P	197373-51-6P	197373-52-7P
197373-55-0P	197373-56-1P	197373-57-2P
197373-58-3P	197375-48-7P	197375-49-8P

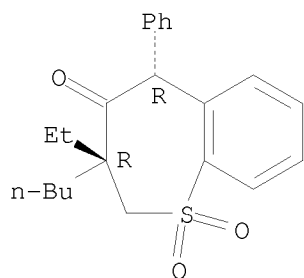
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of benzothiepines as antihyperlipidemics)

RN 178678-25-6 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5R)-rel- (CA INDEX NAME)

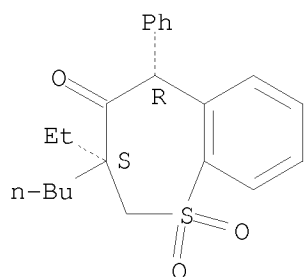
Relative stereochemistry.



RN 178678-26-7 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-,
1,1-dioxide, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

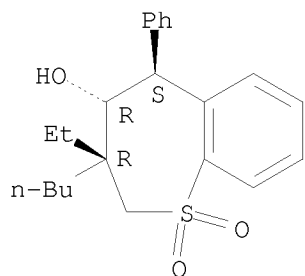


RN 178678-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

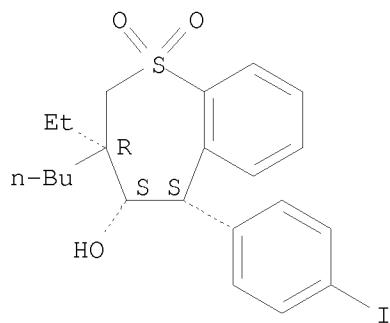
Relative stereochemistry.

10/590,458



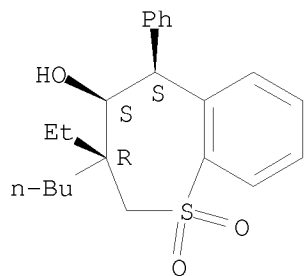
RN 178678-46-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-iodophenyl)-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178897-97-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

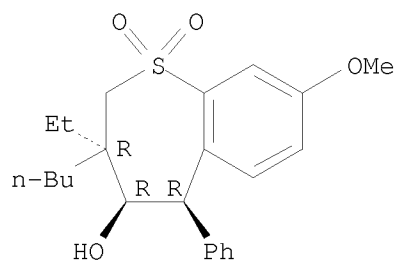
Relative stereochemistry.



RN 178898-00-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-
, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

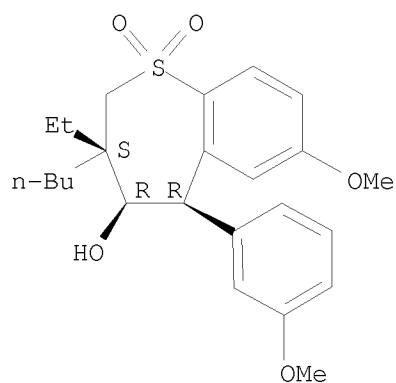
10/590,458



RN 197372-71-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

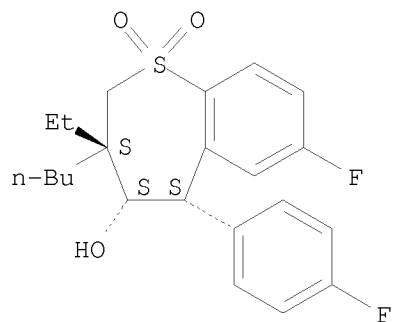
Relative stereochemistry.



RN 197372-76-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

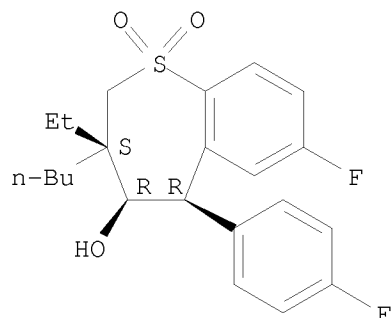


RN 197372-77-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

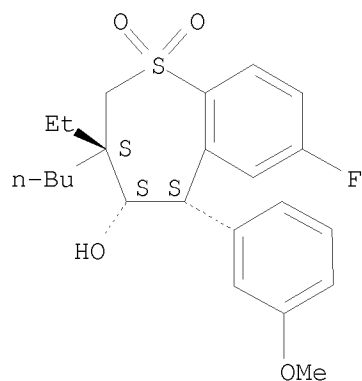
10/590,458



RN 197372-78-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

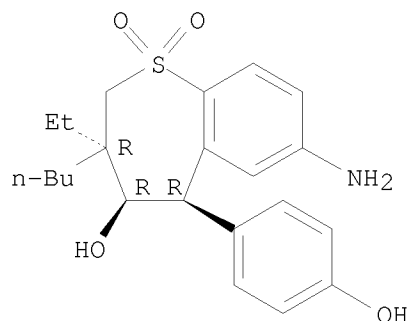
Relative stereochemistry.



RN 197372-97-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

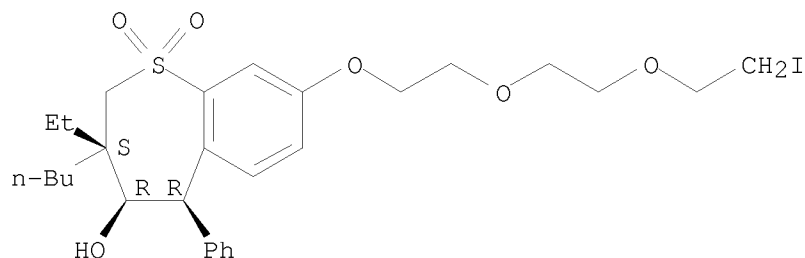


RN 197373-13-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

INDEX NAME)

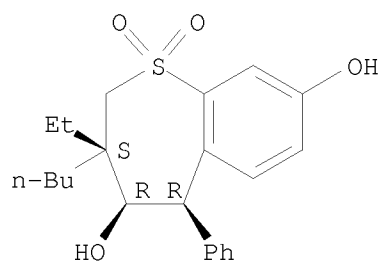
Relative stereochemistry.



RN 197373-14-1 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

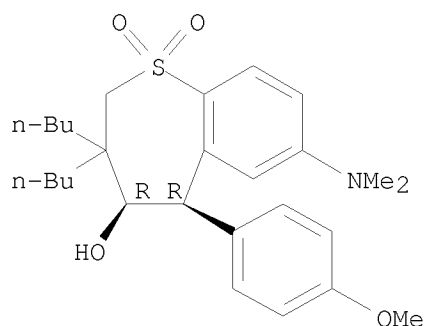
Relative stereochemistry.



RN 197373-42-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-
methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

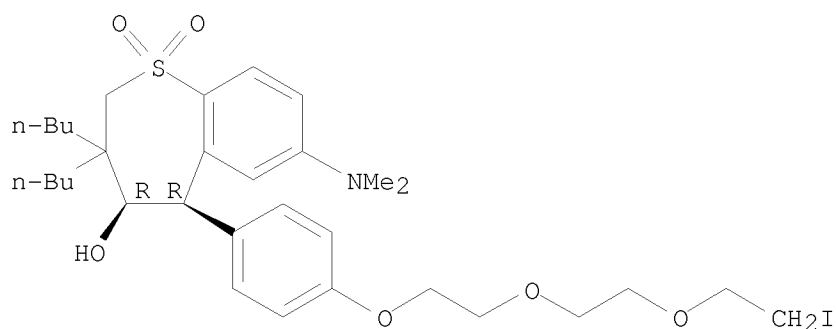


RN 197373-44-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA
INDEX NAME)

Relative stereochemistry.

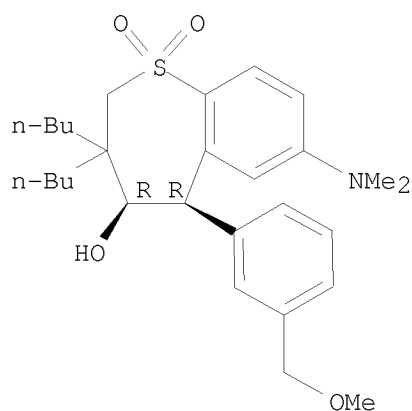
10/590,458



RN 197373-46-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(methoxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

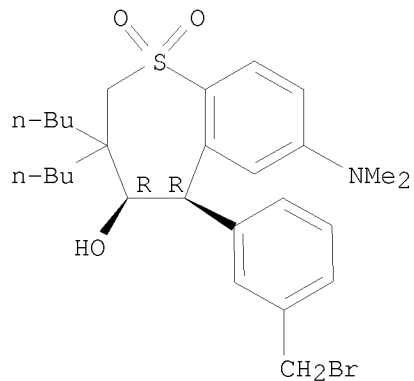


RN 197373-47-0 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

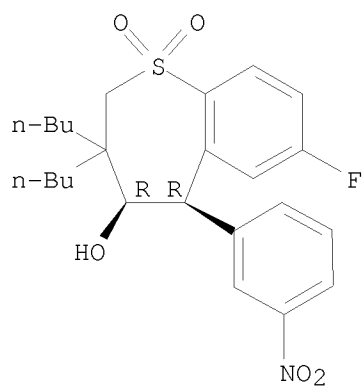
10/590,458



RN 197373-49-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

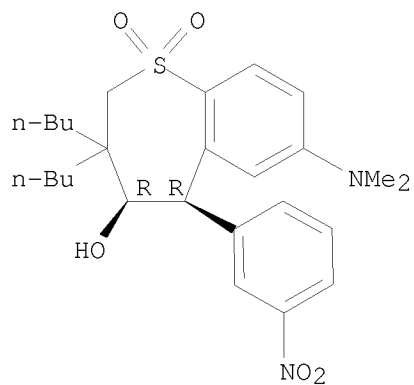
Relative stereochemistry.



RN 197373-50-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-nitrophenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

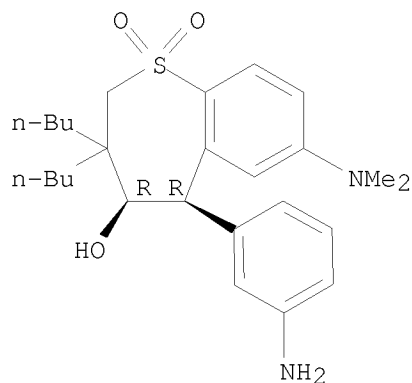


10/590,458

RN 197373-51-6 CAPLUS

CN 1-Benzothiepin-4-ol, 5-(3-aminophenyl)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

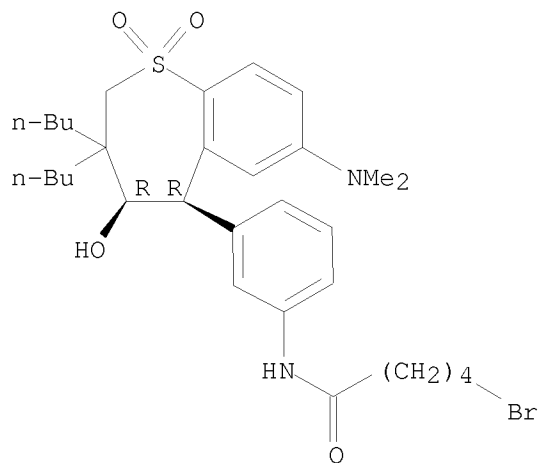
Relative stereochemistry.



RN 197373-52-7 CAPLUS

CN Pentanamide, 5-bromo-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

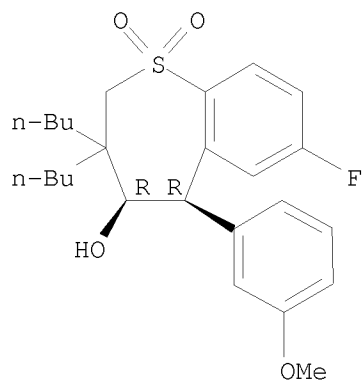


RN 197373-55-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

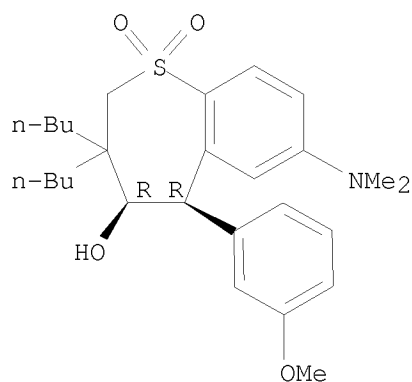
10/590,458



RN 197373-56-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

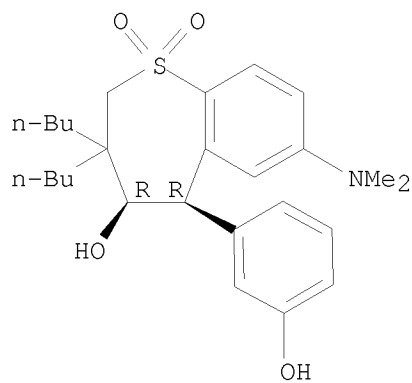
Relative stereochemistry.



RN 197373-57-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

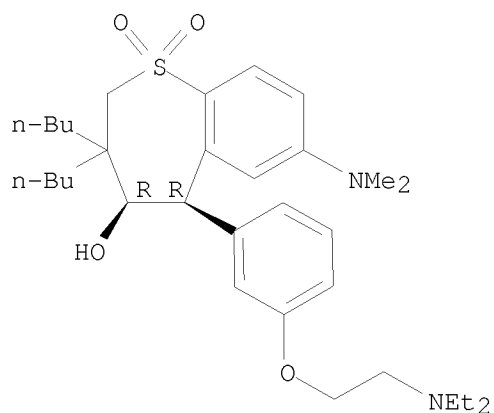


10/590,458

RN 197373-58-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-[2-(diethylamino)ethoxy]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

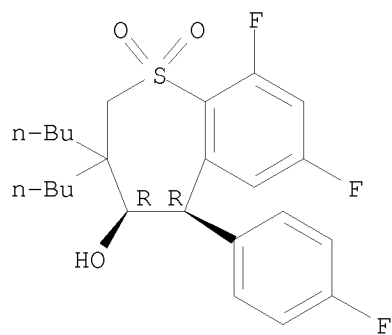
Relative stereochemistry.



RN 197375-48-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

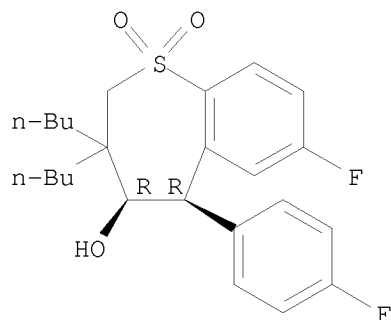
Relative stereochemistry.



RN 197375-49-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT	178678-39-2P	178678-40-5P	178678-41-6P
	178678-42-7P	178678-43-8P	178678-44-9P
	178678-45-0P	178678-47-2P	178678-48-3P
	178678-54-1P	178897-95-5P	178897-96-6P
	178898-01-6P	178898-02-7P	178898-04-9P
	178898-05-0P	197372-68-2P	197372-69-3P
	197372-70-6P	197372-72-8P	197372-73-9P
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	197372-80-8P	197372-81-9P	197372-82-0P
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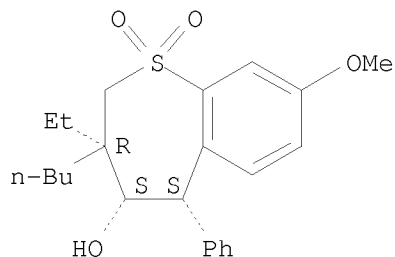
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197375-44-3P	197375-52-3P	

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzothiepinines as antihyperlipidemics)

RN 178678-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

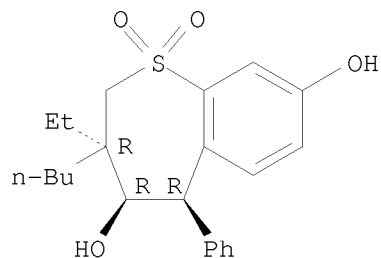


RN 178678-40-5 CAPLUS

10/590,458

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

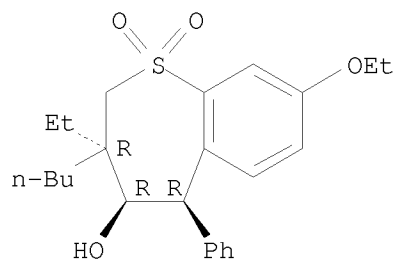
Relative stereochemistry.



RN 178678-41-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

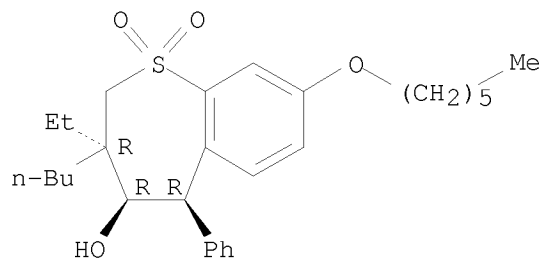
Relative stereochemistry.



RN 178678-42-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-8-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

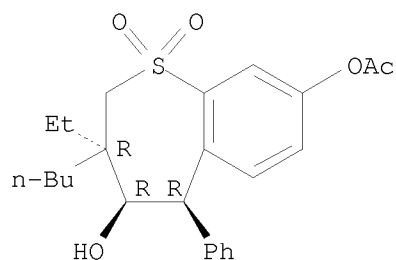


RN 178678-43-8 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
8-acetate, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

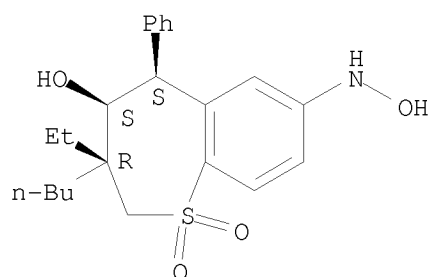
10/590,458



RN 178678-44-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

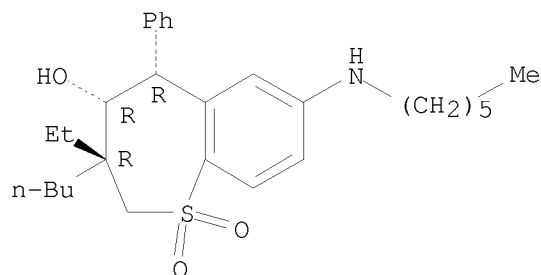
Relative stereochemistry.



RN 178678-45-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

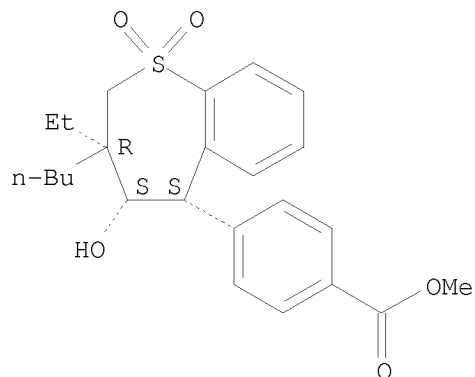


RN 178678-47-2 CAPLUS

CN Benzoic acid, 4-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

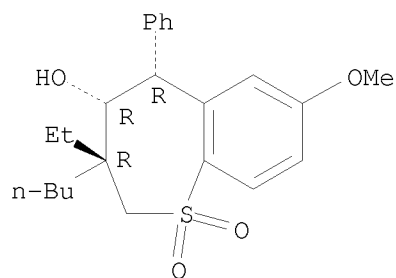
10/590,458



RN 178678-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

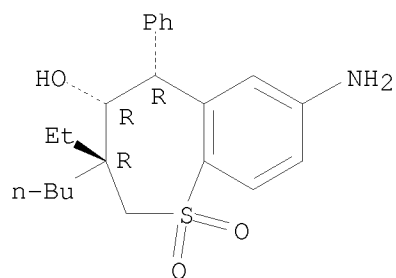
Relative stereochemistry.



RN 178678-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

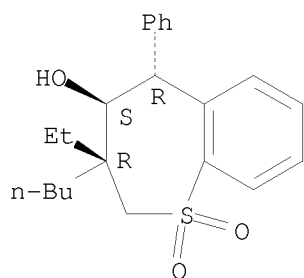


RN 178897-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

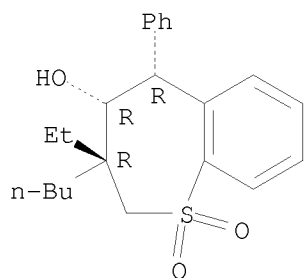
10/590,458



RN 178897-96-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

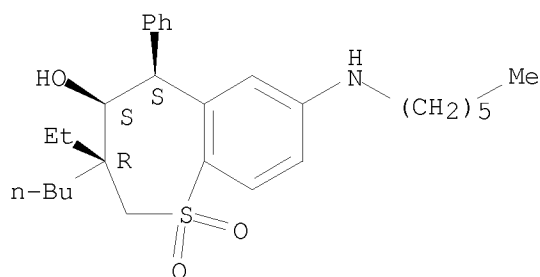
Relative stereochemistry.



RN 178898-01-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

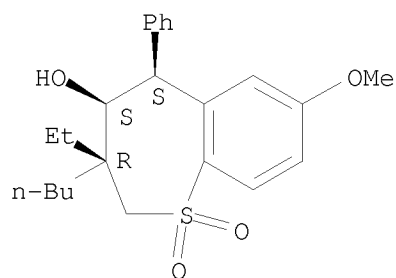


RN 178898-02-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

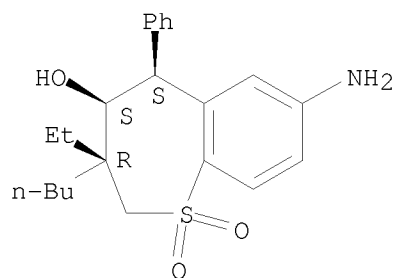
10/590,458



RN 178898-04-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

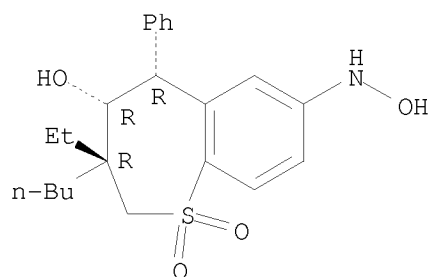
Relative stereochemistry.



RN 178898-05-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

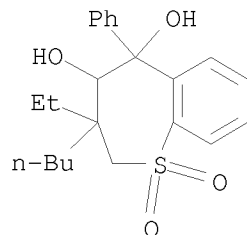
Relative stereochemistry.



RN 197372-68-2 CAPLUS

CN 1-Benzothiepin-4,5-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide (CA INDEX NAME)

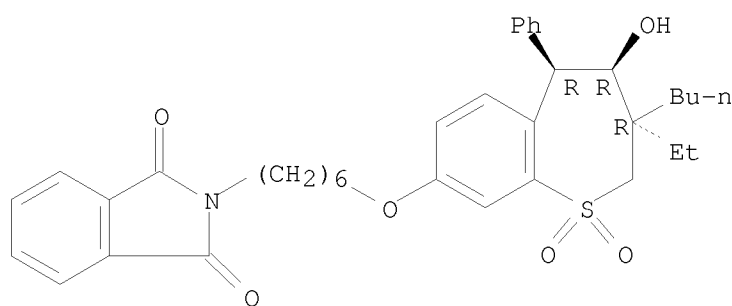
10/590,458



RN 197372-69-3 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

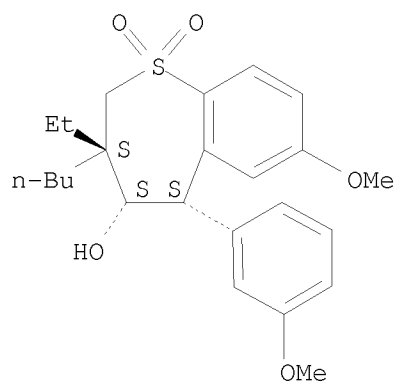
Relative stereochemistry.



RN 197372-70-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

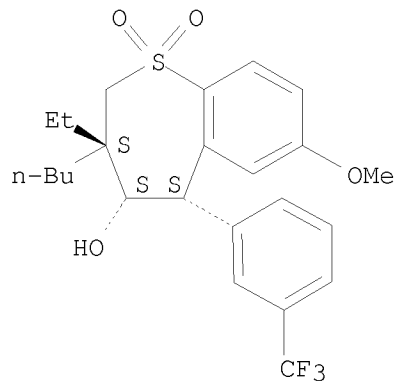


RN 197372-72-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

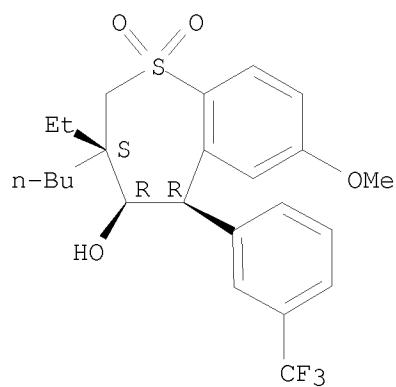
10/590,458



RN 197372-73-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-[3-(trifluoromethyl)phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

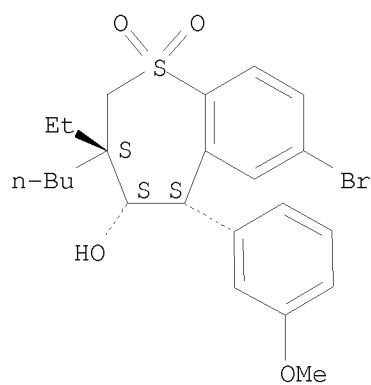
Relative stereochemistry.



RN 197372-74-0 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

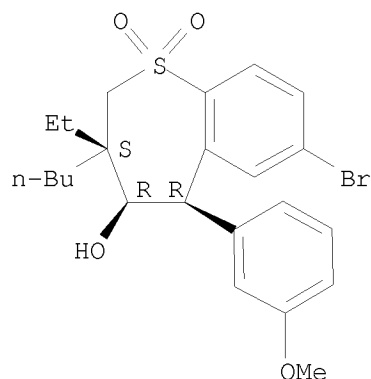


10/590,458

RN 197372-75-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

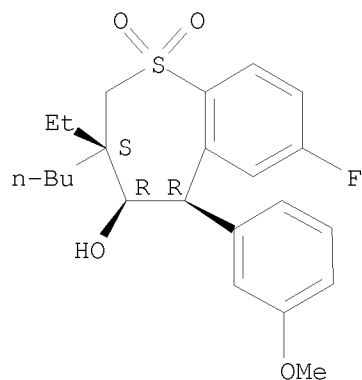
Relative stereochemistry.



RN 197372-79-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-fluoro-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

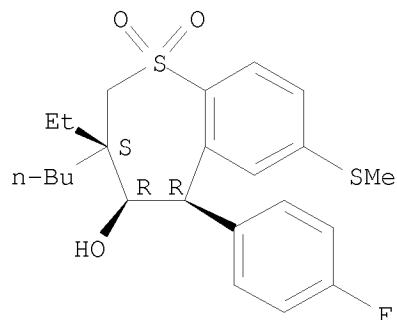
Relative stereochemistry.



RN 197372-80-8 CAPLUS

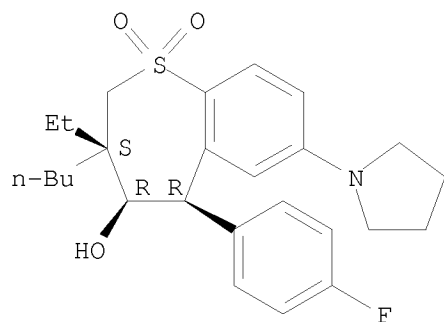
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



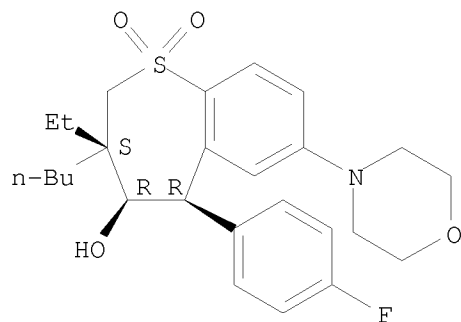
RN 197372-81-9 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(1-pyrrolidinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197372-82-0 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(4-morpholinyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

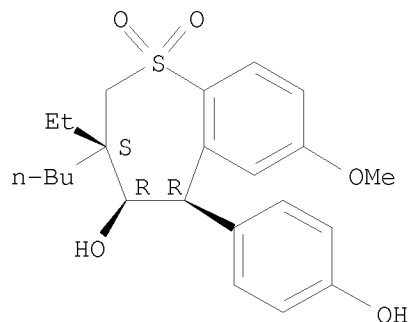
Relative stereochemistry.



RN 197372-83-1 CAPLUS
 CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

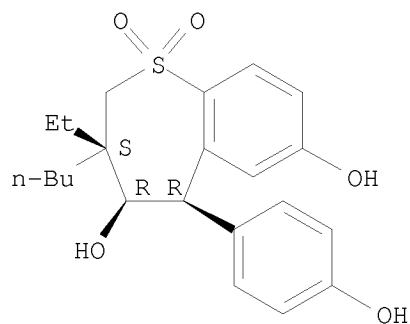
10/590,458



RN 197372-84-2 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

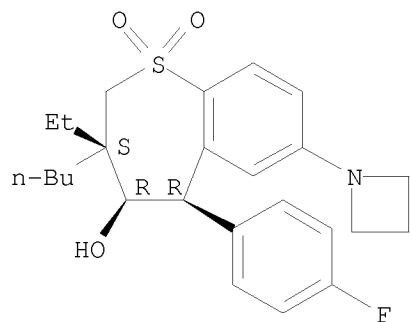
Relative stereochemistry.



RN 197372-85-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-(1-azetidiny)-3-butyl-3-ethyl-5-(4-fluorophenyl)-, 2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

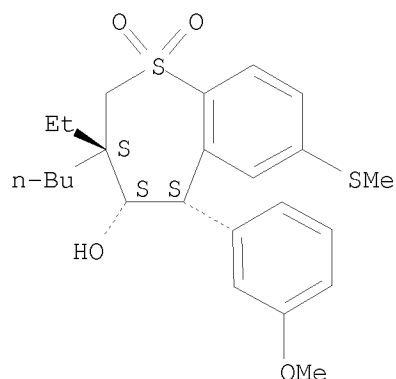


RN 197372-86-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

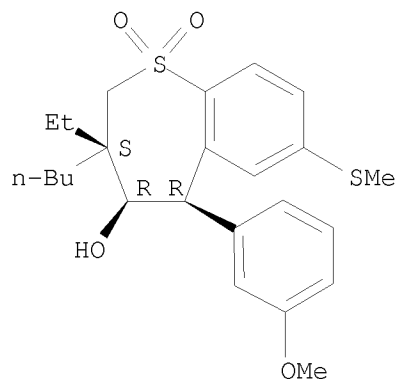
10/590,458

Relative stereochemistry.



RN 197372-87-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylthio)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

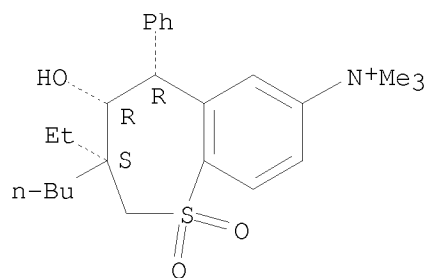
Relative stereochemistry.



RN 197372-88-6 CAPLUS
CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

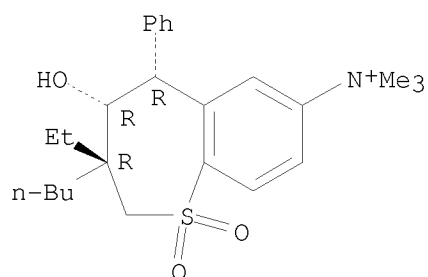
10/590,458



RN 197372-89-7 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, iodide, 1,1-dioxide, (3R,4R,5R)-rel- (9CI) (CA INDEX NAME)

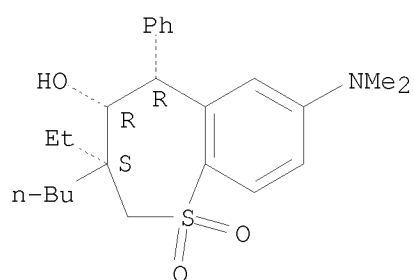
Relative stereochemistry.



RN 197372-90-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

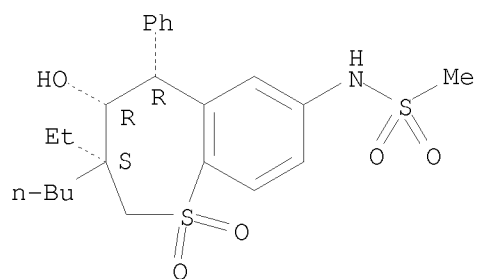


10/590,458

RN 197372-91-1 CAPLUS

CN Methanesulfonamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

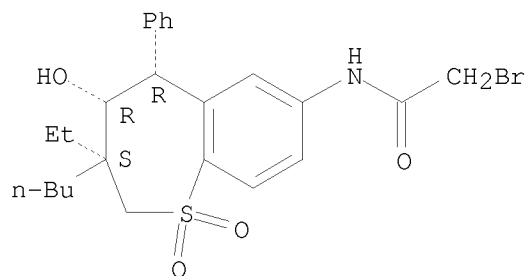
Relative stereochemistry.



RN 197372-92-2 CAPLUS

CN Acetamide, 2-bromo-N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

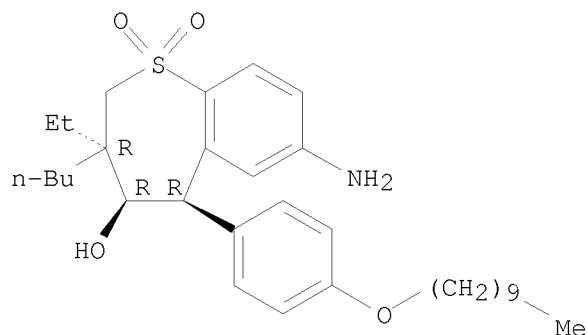
Relative stereochemistry.



RN 197372-93-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

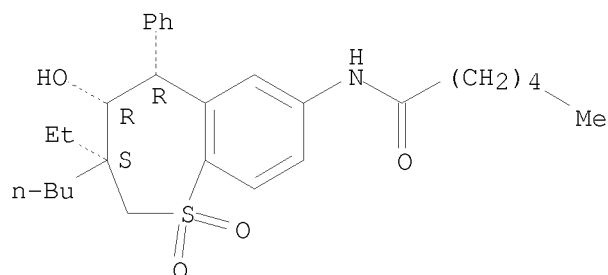


10/590,458

RN 197372-94-4 CAPLUS

CN Hexanamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

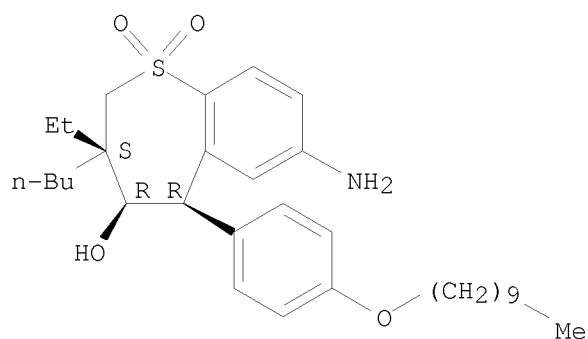
Relative stereochemistry.



RN 197372-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-5-[4-(decyloxy)phenyl]-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

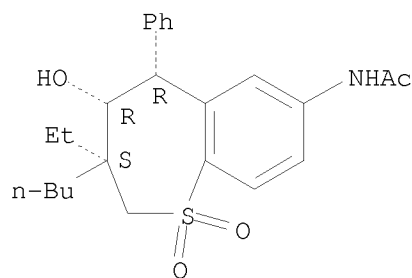
Relative stereochemistry.



RN 197372-96-6 CAPLUS

CN Acetamide, N-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

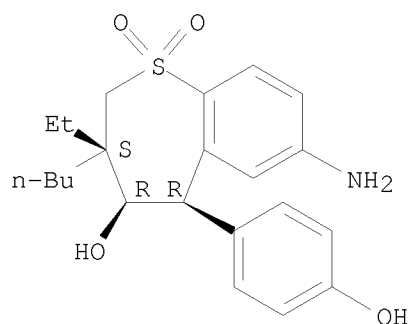


RN 197372-98-8 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

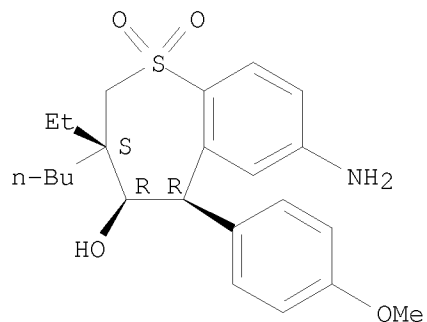
Relative stereochemistry.



RN 197372-99-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

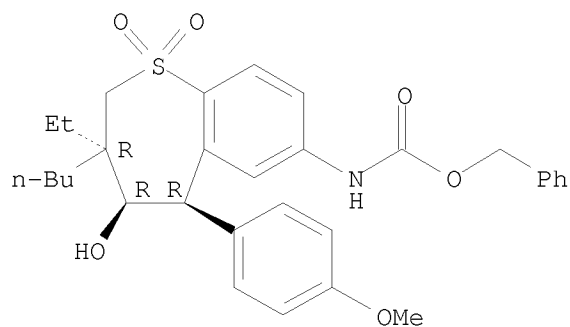
Relative stereochemistry.



RN 197373-00-5 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

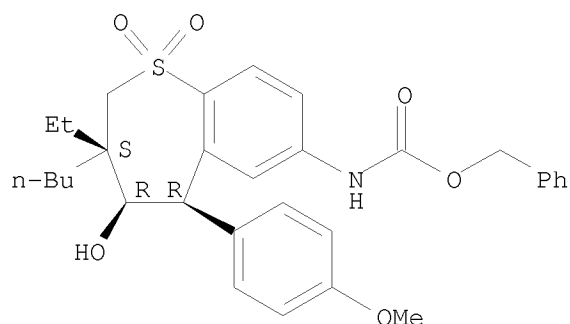


10/590,458

RN 197373-01-6 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

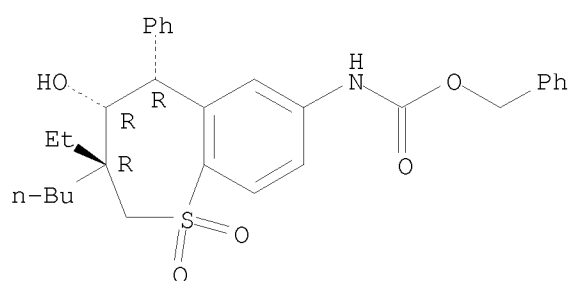
Relative stereochemistry.



RN 197373-02-7 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

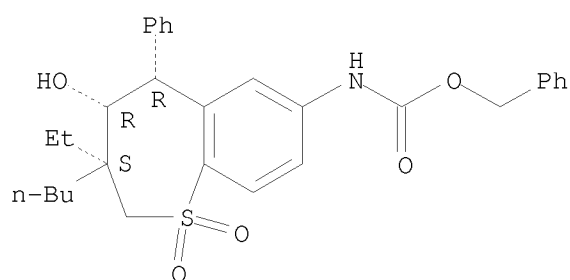
Relative stereochemistry.



RN 197373-03-8 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

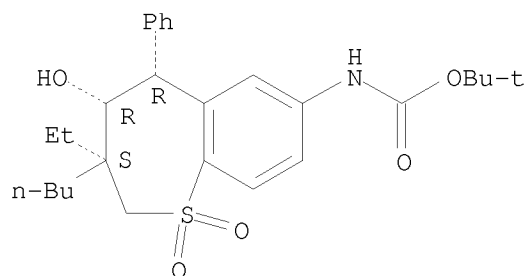


10/590,458

RN 197373-04-9 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

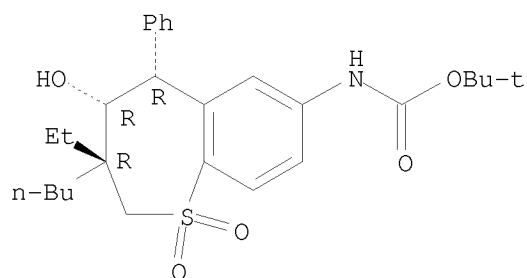
Relative stereochemistry.



RN 197373-05-0 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

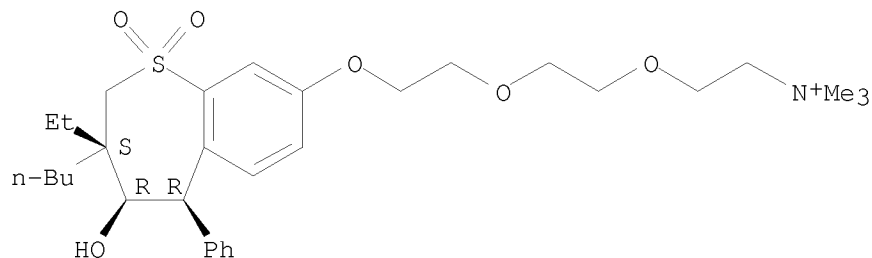


RN 197373-06-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

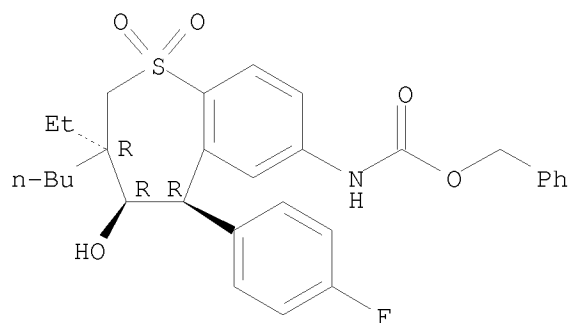
10/590,458



RN 197373-07-2 CAPLUS

CN Carbamic acid, [(3R,4R,5R)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

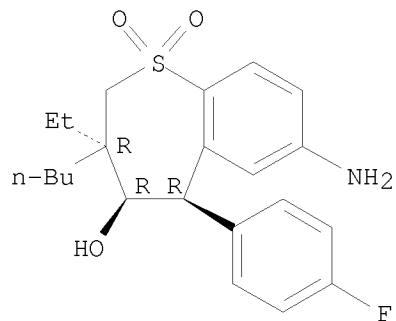
Relative stereochemistry.



RN 197373-08-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



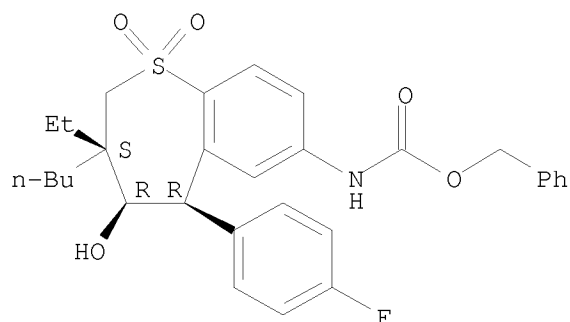
RN 197373-09-4 CAPLUS

CN Carbamic acid, [(3R,4S,5S)-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI) (CA INDEX NAME)

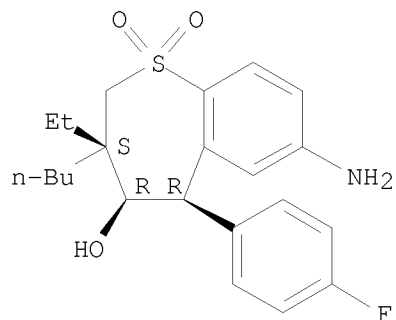
Relative stereochemistry.



RN 197373-10-7 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

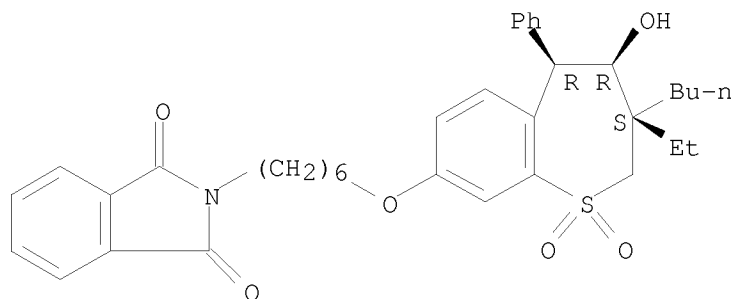
Relative stereochemistry.



RN 197373-11-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[6-[[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]hexyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

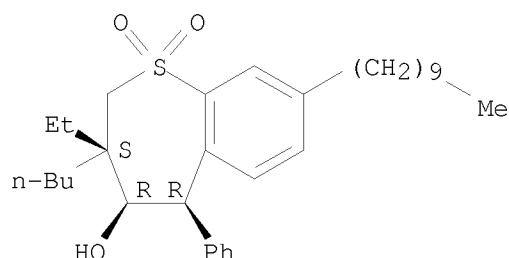


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RN 197373-12-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-decyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

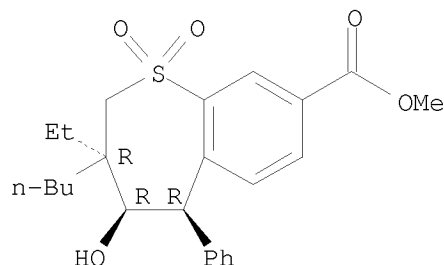
Relative stereochemistry.



RN 197373-15-2 CAPLUS

CN 1-Benzothiepin-8-carboxylic acid, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-
hydroxy-5-phenyl-, methyl ester, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX
NAME)

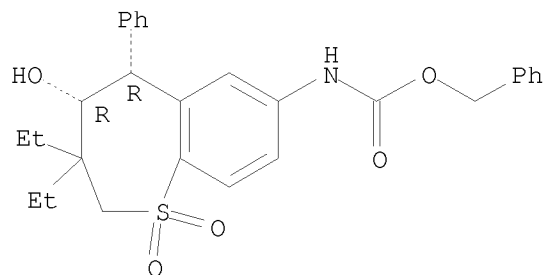
Relative stereochemistry.



RN 197373-16-3 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-diethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

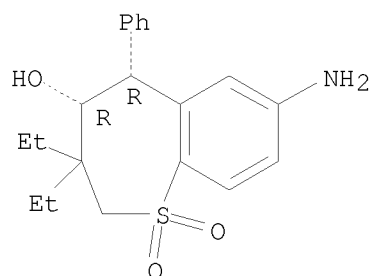


RN 197373-17-4 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-diethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

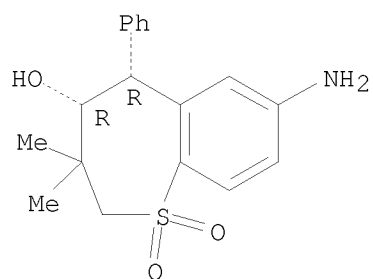
Relative stereochemistry.



RN 197373-18-5 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-3,3-dimethyl-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

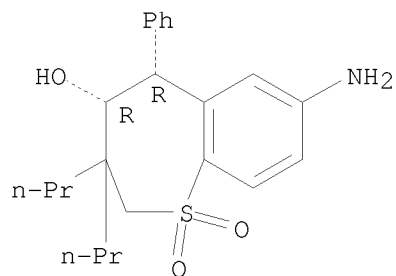
Relative stereochemistry.



RN 197373-19-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-2,3,4,5-tetrahydro-5-phenyl-3,3-dipropyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

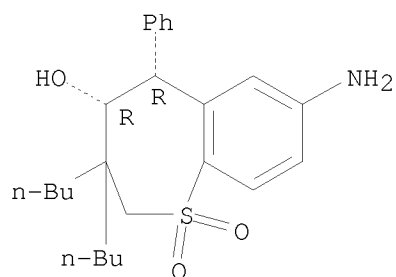


RN 197373-20-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

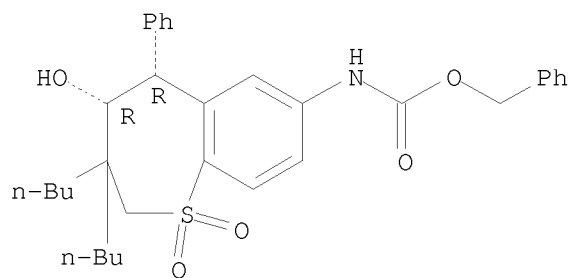
10/590,458



RN 197373-22-1 CAPLUS

CN Carbamic acid, [(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, phenylmethyl ester, rel- (9CI)
(CA INDEX NAME)

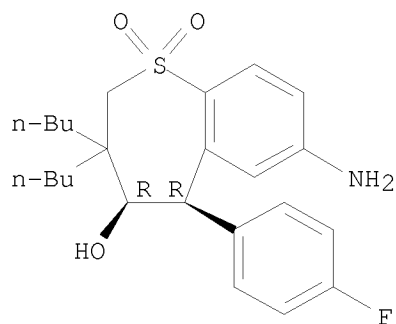
Relative stereochemistry.



RN 197373-24-3 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

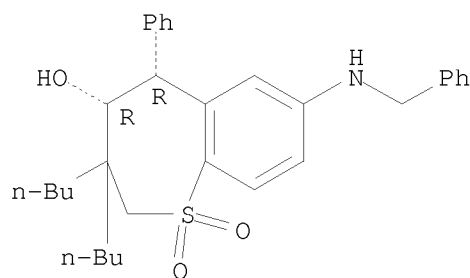


RN 197373-25-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-phenyl-7-[(phenylmethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

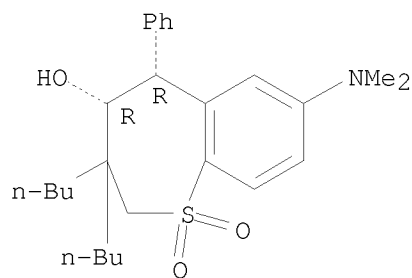
10/590,458



RN 197373-26-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

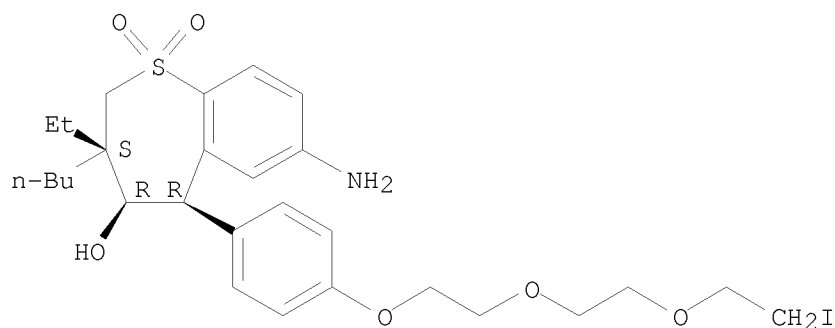
Relative stereochemistry.



RN 197373-27-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-[4-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

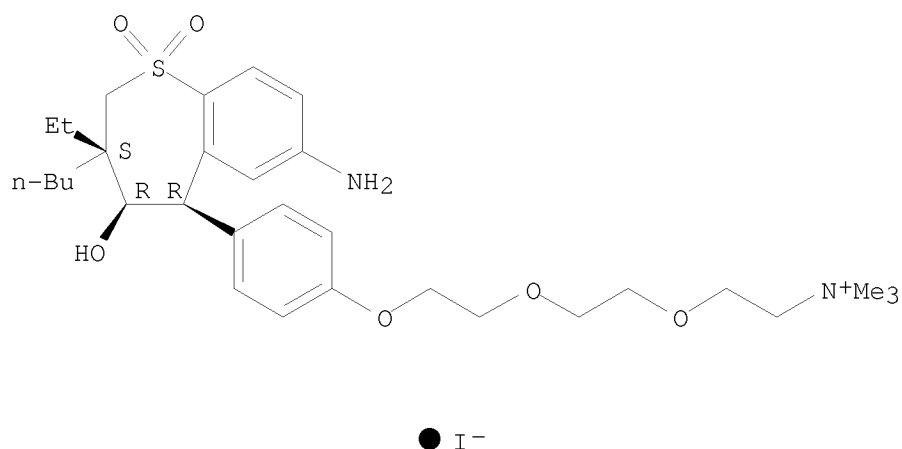


RN 197373-28-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

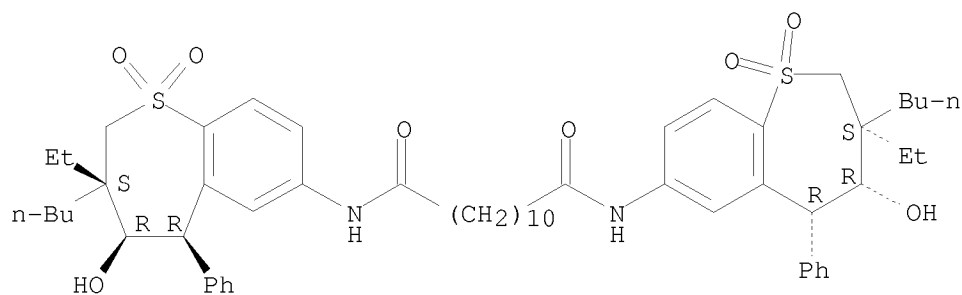
Relative stereochemistry.



RN 197373-29-8 CAPLUS

CN Dodecanediamide, N1,N12-bis[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-, rel- (CA INDEX NAME)

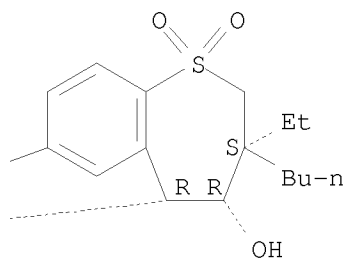
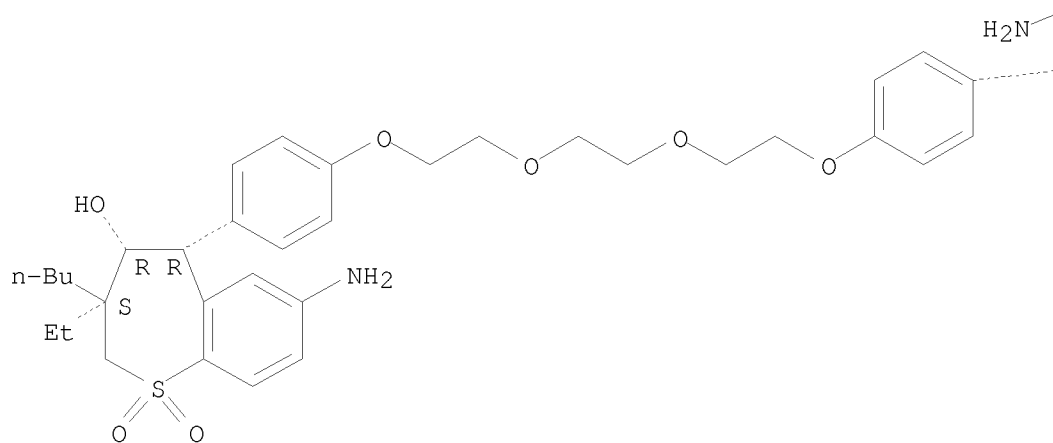
Relative stereochemistry.



RN 197373-30-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy-4,1-phenylene)]bis[7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

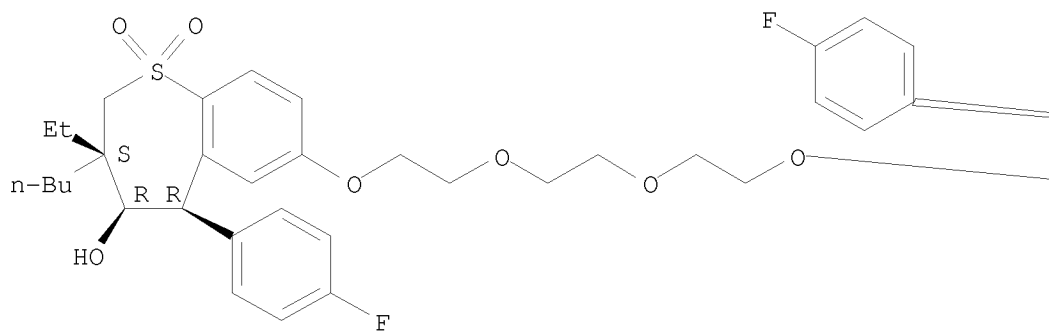


RN 197373-31-2 CAPLUS

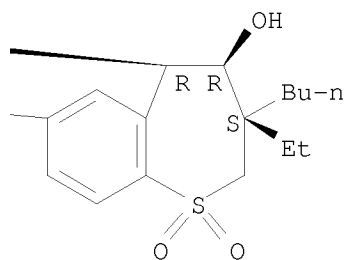
CN 1-Benzothiepin-4-ol, 7,7'-[1,2-ethanediylbis(oxy-2,1-ethanediylloxy)]bis[3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 1-B

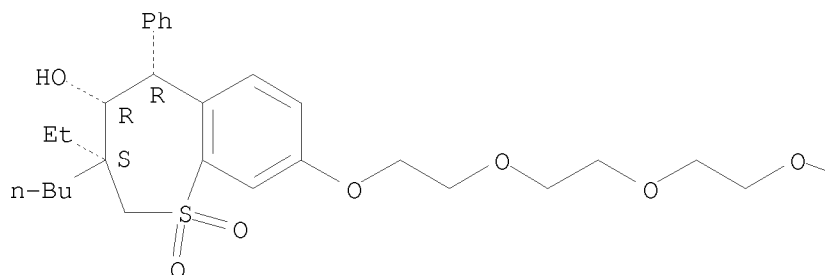


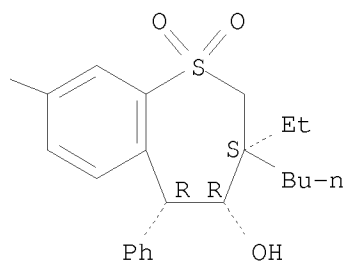
RN 197373-32-3 CAPLUS

CN 1-Benzothiepin-4-ol, 8,8'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, (3R,3'R,4S,4'S,5S,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

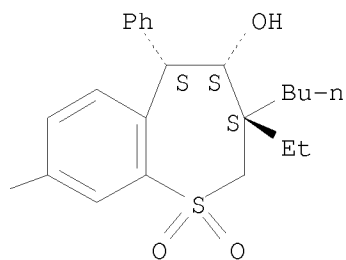
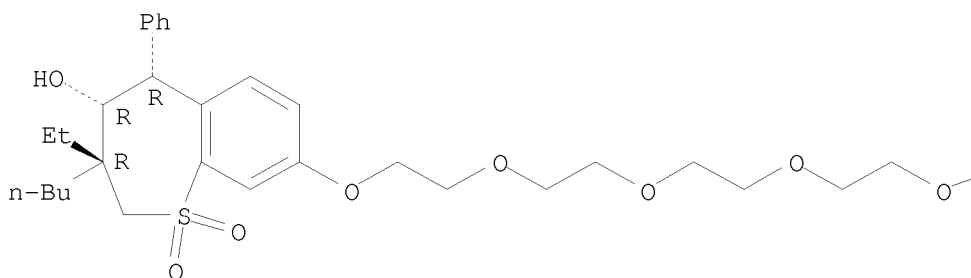




RN 197373-33-4 CAPLUS

CN 1-Benzothiepin-4-ol, 8,8'-[oxybis(2,1-ethanedioxy-2,1-ethanedioxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, tetraoxide, [3 α ,4 α ,5 α ,8(3'S*,4'S*,5'S*)]- (9CI) (CA INDEX NAME)

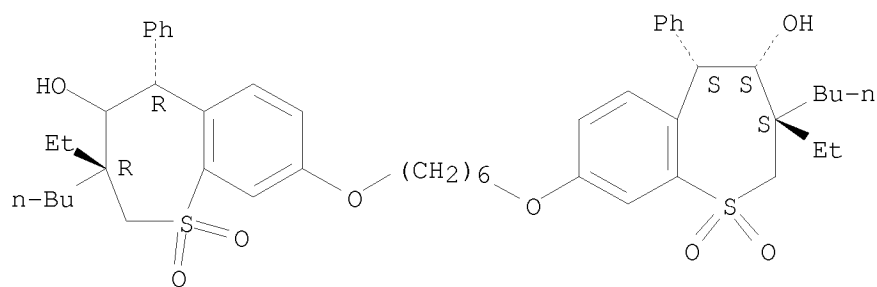
Relative stereochemistry.



RN 197373-34-5 CAPLUS

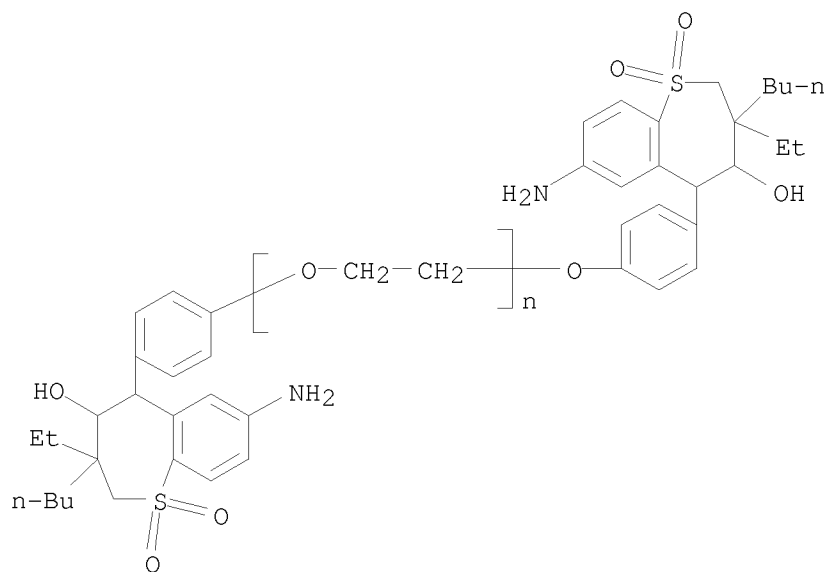
CN 1-Benzothiepin-4-ol, 8,8'-[1,6-hexanediylbis(oxy)]bis[3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1,1',1'-tetraoxide, [3R,4R,5R,8(3'S,5'S)]-rel-[partial]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 197373-35-6 CAPLUS

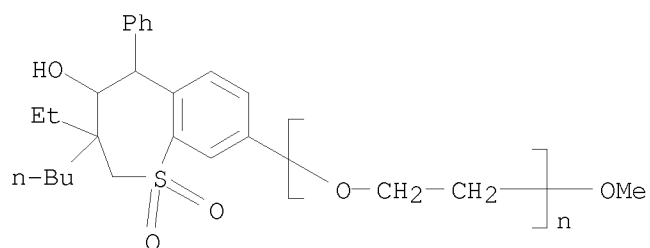
CN Poly(oxy-1,2-ethanediyl), α -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]- ω -[4-[(3R,4R,5R)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-, rel- (9CI) (CA INDEX NAME)



RN 197373-36-7 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[(3R,4S,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]- ω -methoxy-, rel- (9CI) (CA INDEX NAME)

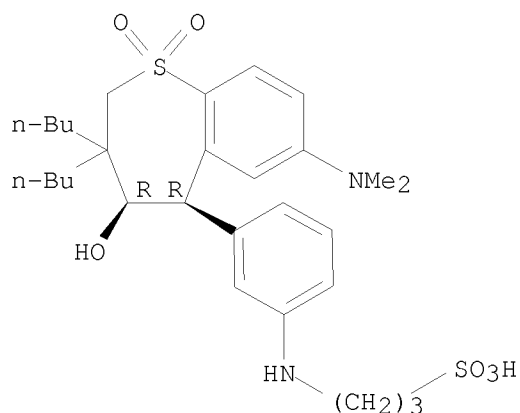
10/590,458



RN 197373-37-8 CAPLUS

CN 1-Propanesulfonic acid, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-, rel- (CA INDEX NAME)

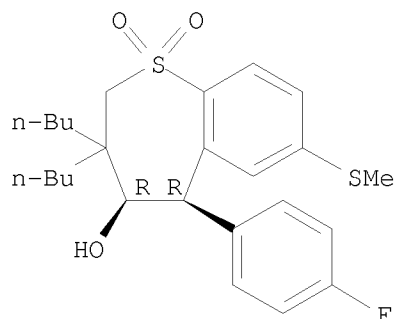
Relative stereochemistry.



RN 197373-38-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



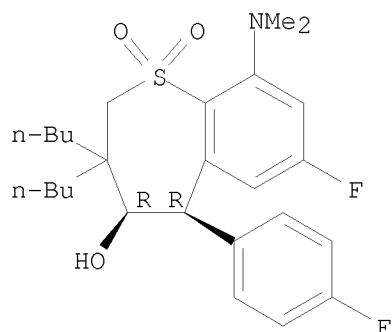
RN 197373-39-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

NAME)

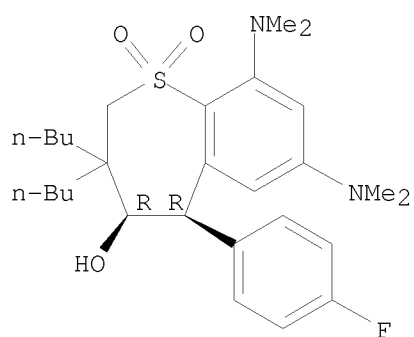
Relative stereochemistry.



RN 197373-40-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

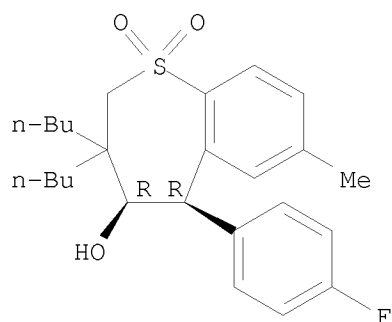
Relative stereochemistry.



RN 197373-41-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

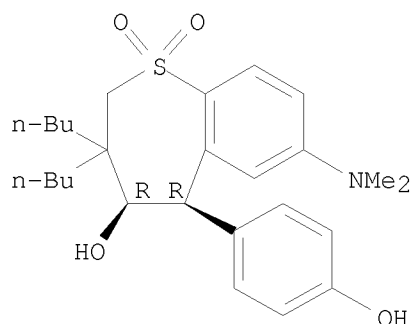


10/590,458

RN 197373-43-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

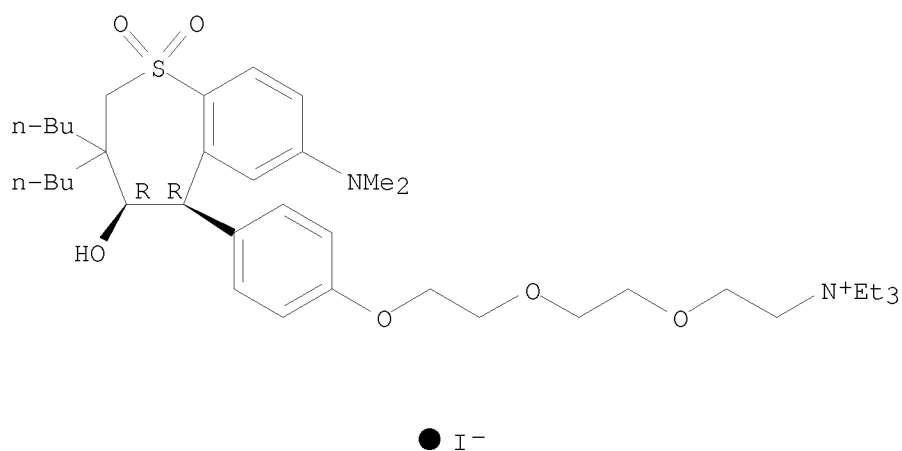
Relative stereochemistry.



RN 197373-45-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

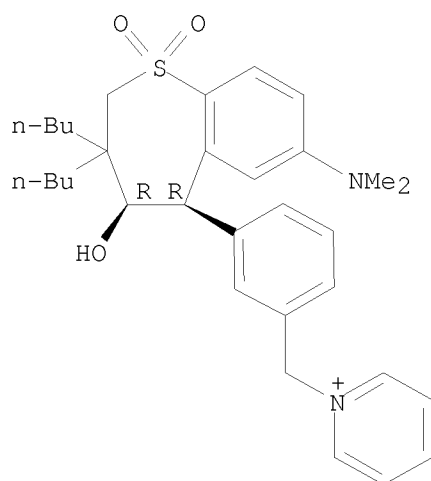


RN 197373-48-1 CAPLUS

CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

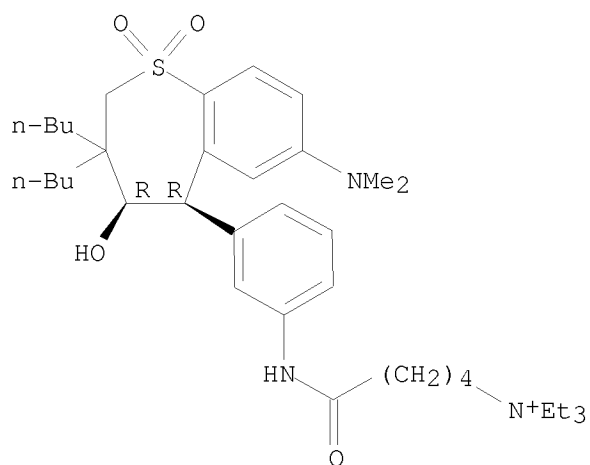


RN 197373-54-9 CAPLUS
CN 1-Pentanaminium, 5-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-5-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-53-8
CMF C37 H60 N3 O4 S

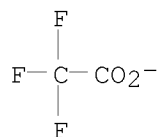
Relative stereochemistry.



CM 2

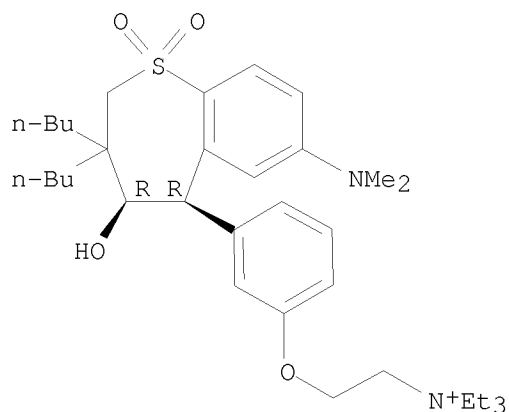
10/590,458

CRN 14477-72-6
CMF C2 F3 O2



RN 197373-59-4 CAPLUS
CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

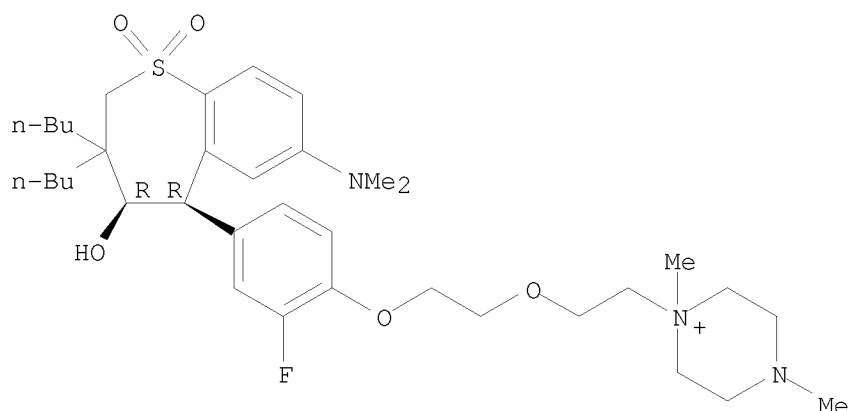
Relative stereochemistry.



RN 197373-60-7 CAPLUS
CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

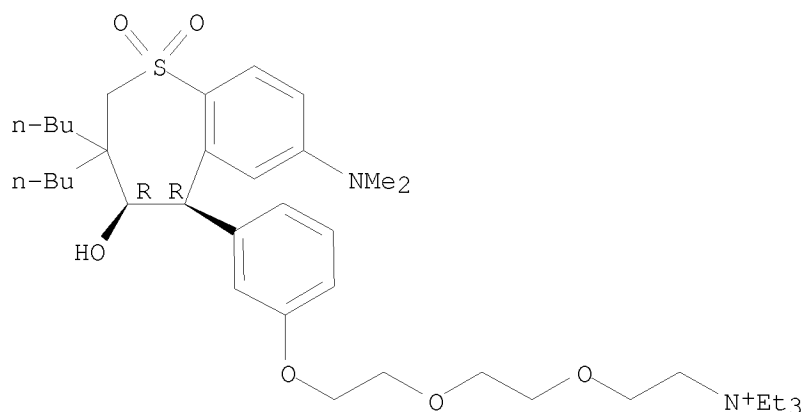
10/590,458



● Br⁻

RN 197373-61-8 CAPLUS
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

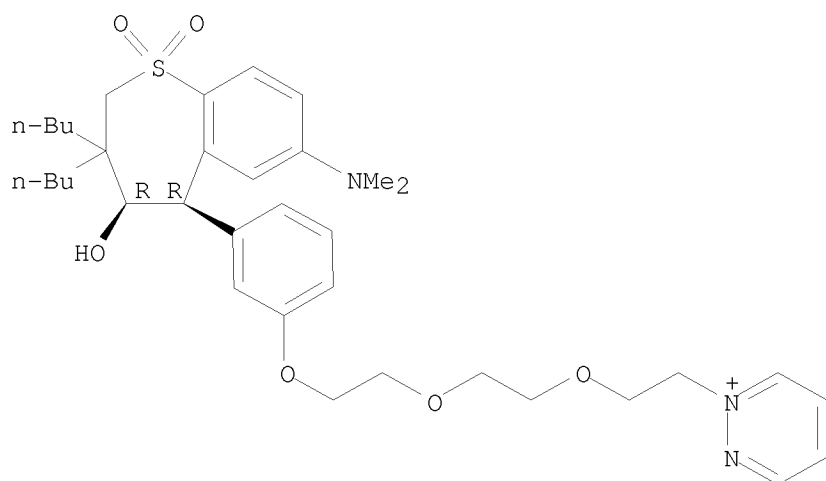


● I⁻

RN 197373-62-9 CAPLUS
CN Pyridazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

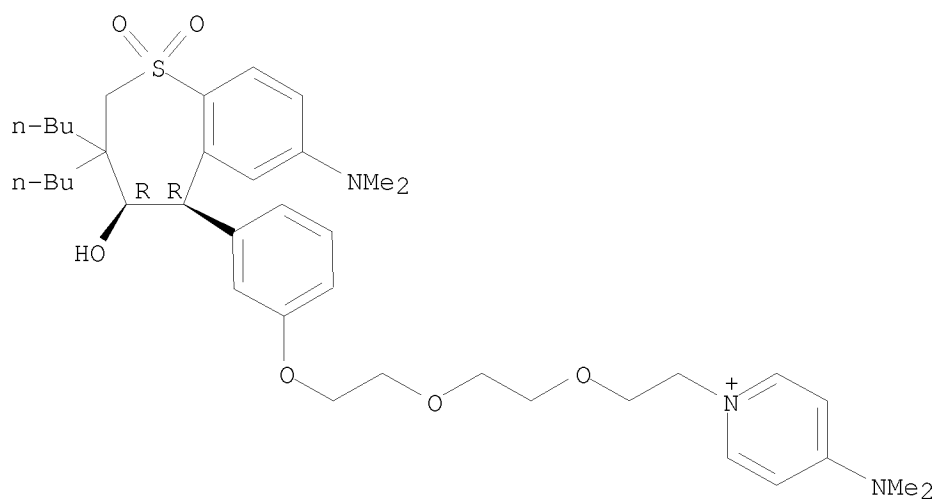
Relative stereochemistry.

10/590,458



RN 197373-63-0 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(dimethylamino)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

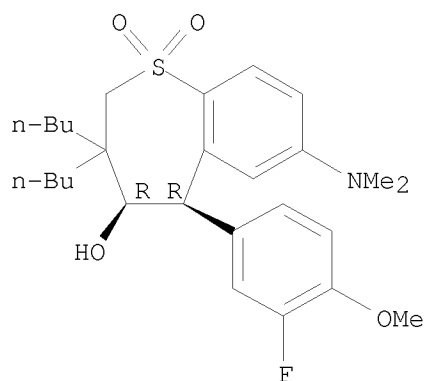


10/590,458

RN 197373-64-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-66-3 CAPLUS

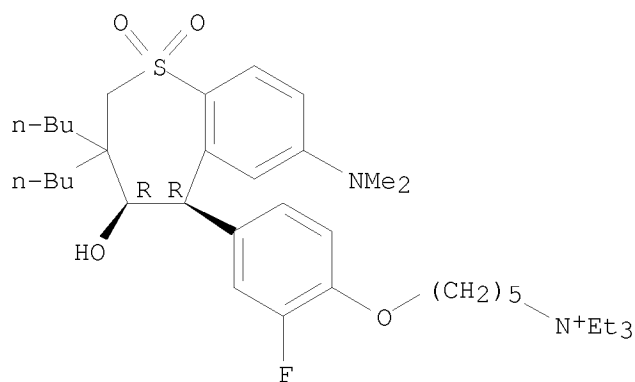
CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-65-2

CMF C37 H60 F N2 O4 S

Relative stereochemistry.

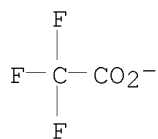


CM 2

CRN 14477-72-6

CMF C2 F3 O2

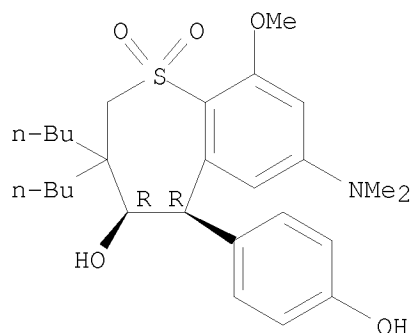
10/590,458



RN 197373-67-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-9-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

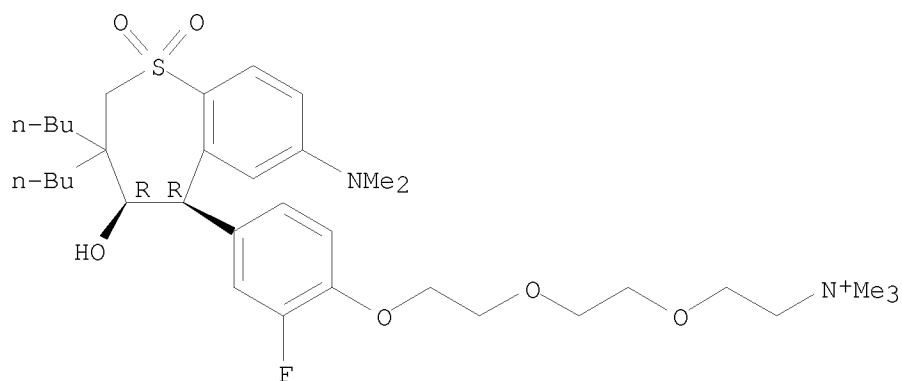
Relative stereochemistry.



RN 197373-68-5 CAPLUS

CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

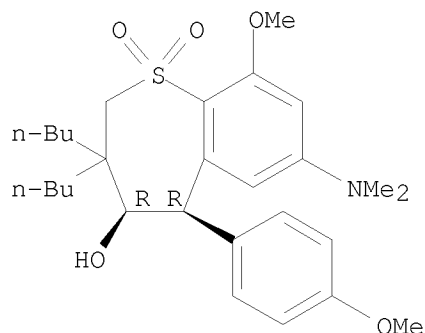


RN 197373-69-6 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-9-methoxy-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

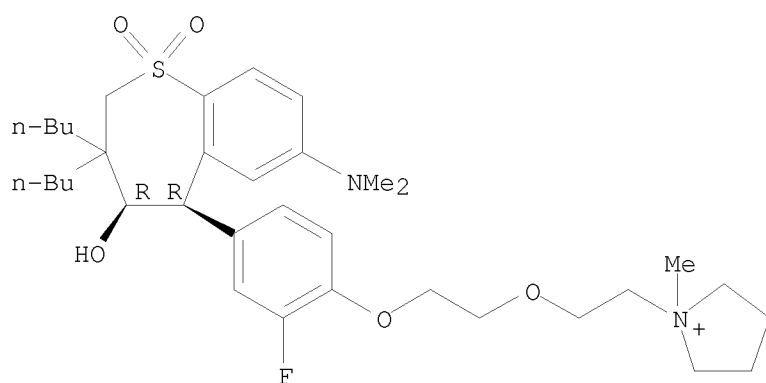
Relative stereochemistry.



RN 197373-70-9 CAPLUS

CN Pyrrolidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-methyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



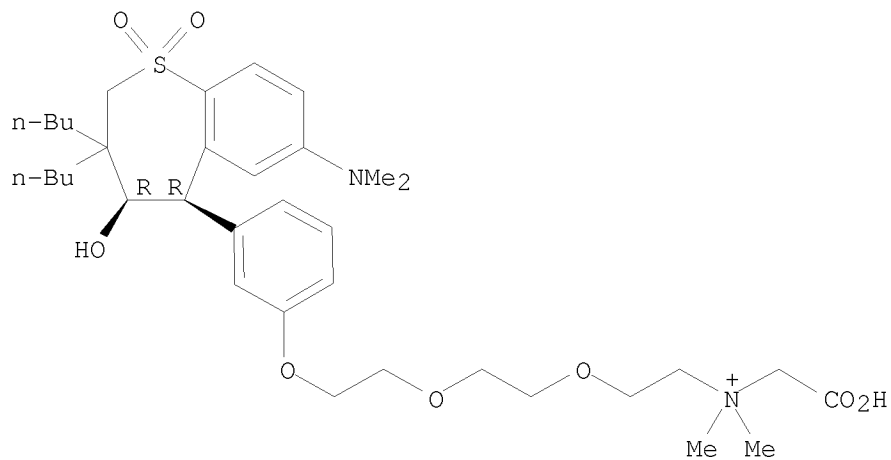
● Br⁻

RN 197373-71-0 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-hydroxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

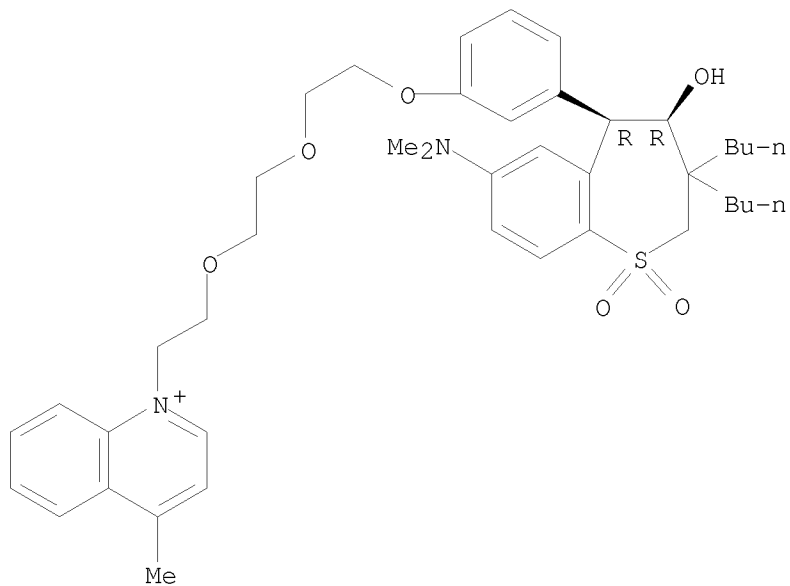
10/590,458



RN 197373-72-1 CAPLUS
 CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

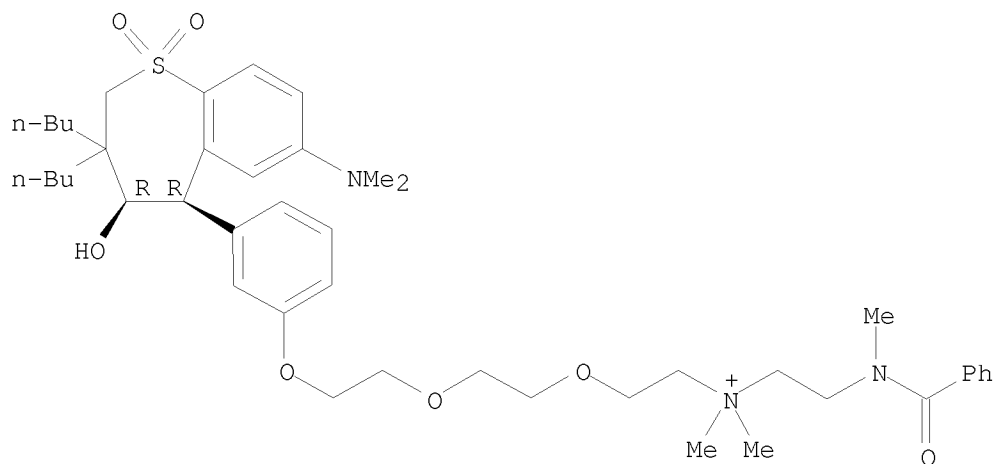
PAGE 1-A





RN 197373-73-2 CAPLUS
 CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



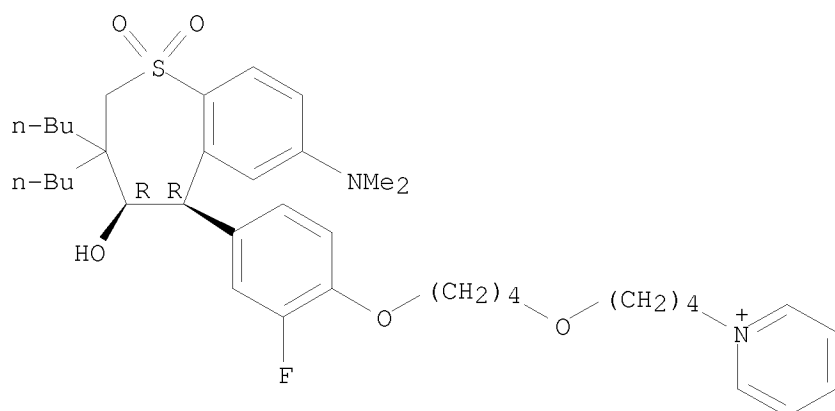
RN 197373-75-4 CAPLUS
 CN Pyridinium, 1-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197373-74-3
 CMF C39 H56 F N2 O5 S

Relative stereochemistry.

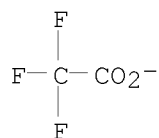
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2

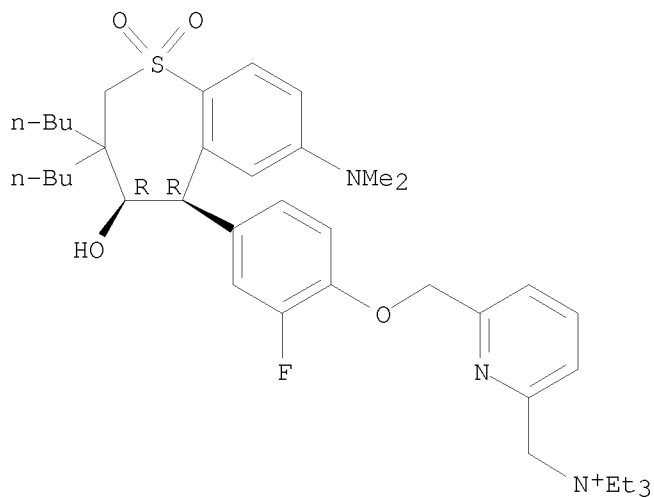


RN 197373-76-5 CAPLUS

CN 2-Pyridinemethanaminium, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-N,N,N-triethyl-, chloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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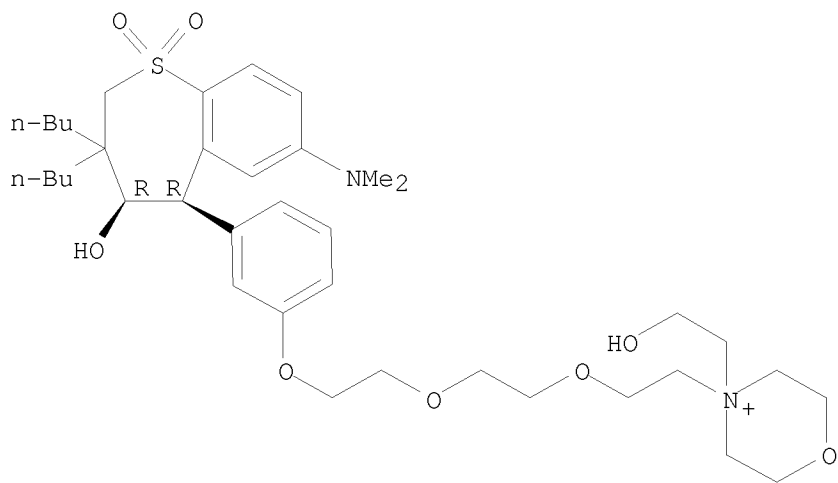


● Cl^-

RN 197373-77-6 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(2-hydroxyethyl)-, iodide (1:1), rel-
(CA INDEX NAME)

Relative stereochemistry.



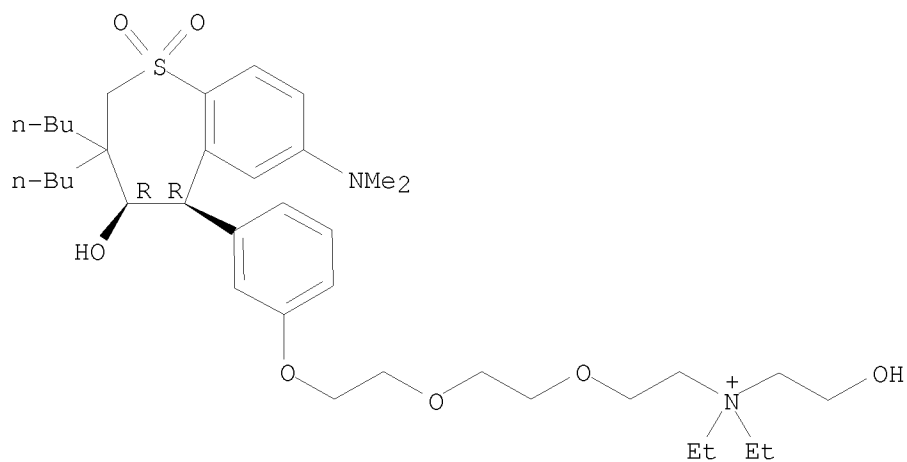
● I -

10/590,458

RN 197373-78-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-(2-hydroxyethyl)-, iodide (1:1), rel- (CA INDEX NAME)

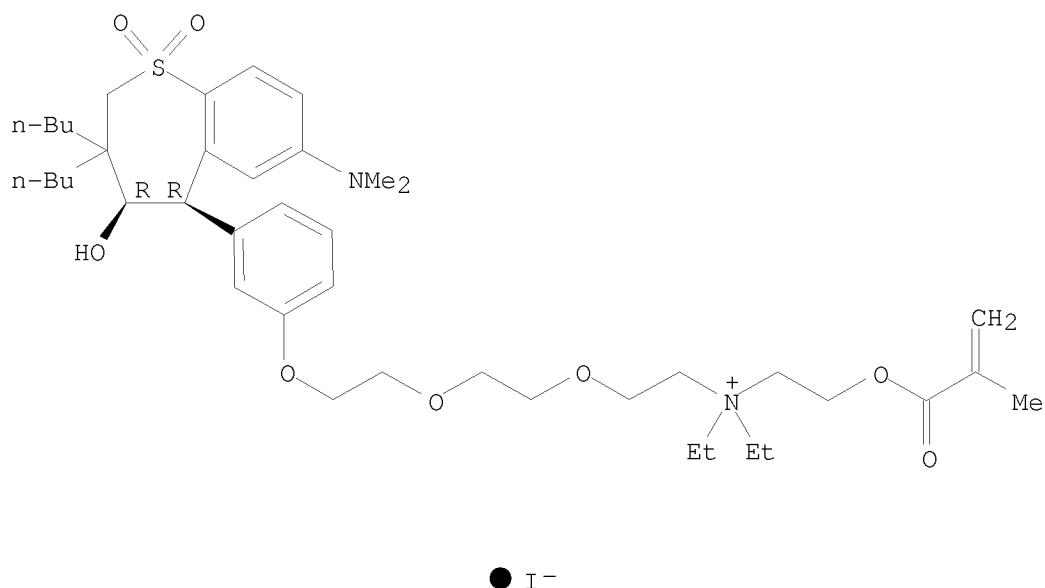
Relative stereochemistry.



RN 197373-79-8 CAPLUS

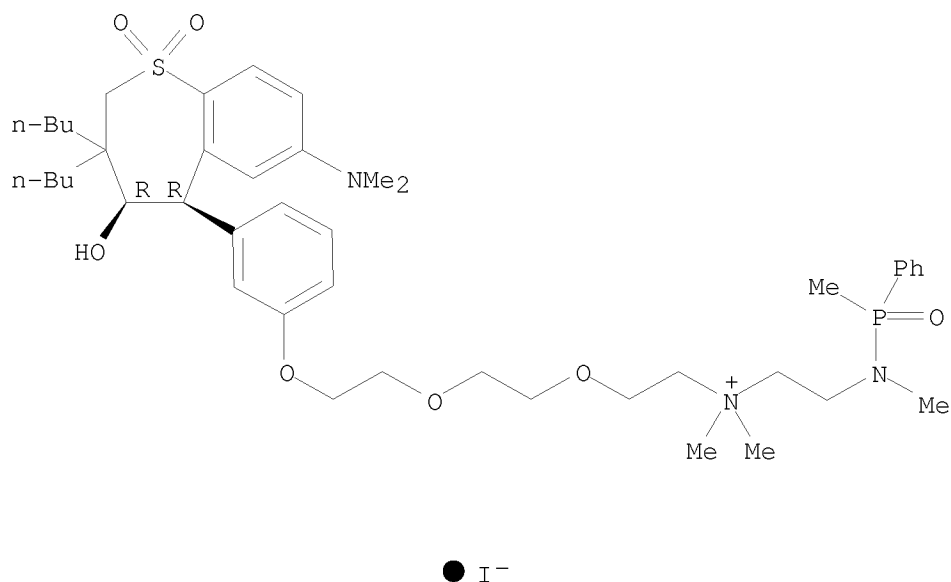
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-diethyl-N-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-, iodide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 197373-80-1 CAPLUS
 CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

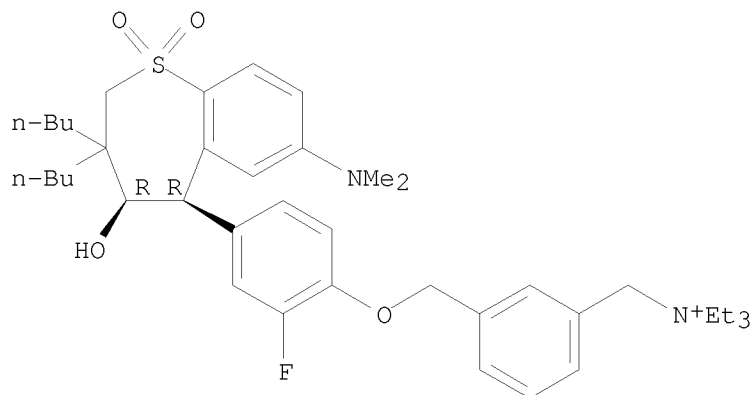


RN 197373-81-2 CAPLUS
 CN Benzenemethanaminium, 3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

10/590,458

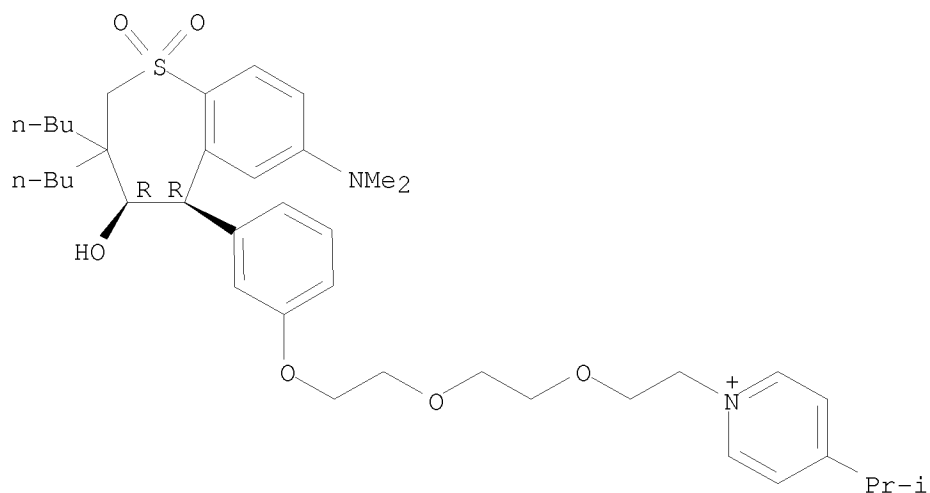
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy)methyl]-N,N,N-triethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-83-4 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-methylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

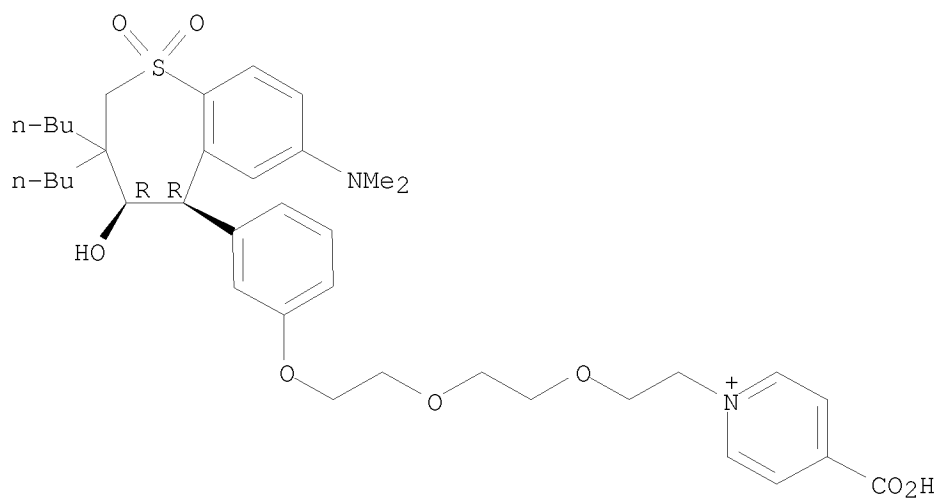


● I⁻

RN 197373-85-6 CAPLUS
CN Pyridinium, 4-carboxy-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

10/590,458

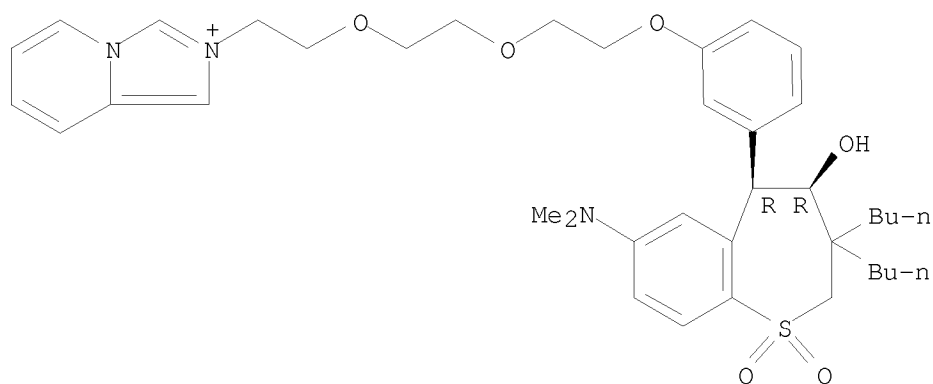
Relative stereochemistry.



RN 197373-87-8 CAPLUS

CN Imidazo[1,5-a]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197373-90-3 CAPLUS

CN 1-Butanaminium, 4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-

10/590,458

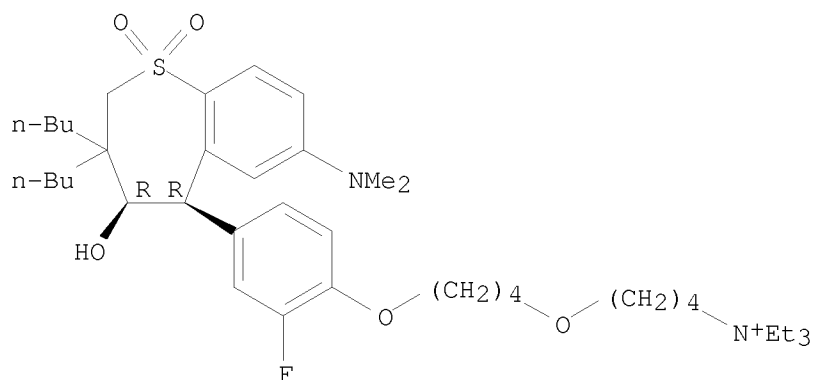
fluorophenoxy]butoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

CRN 197373-89-0

CMF C40 H66 F N2 O5 S

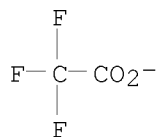
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2



RN 197373-93-6 CAPLUS

CN 1-Pentanaminium, 5-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

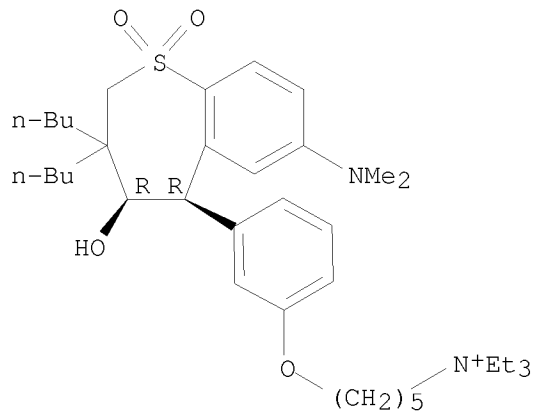
CM 1

CRN 197373-92-5

CMF C37 H61 N2 O4 S

Relative stereochemistry.

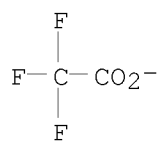
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2

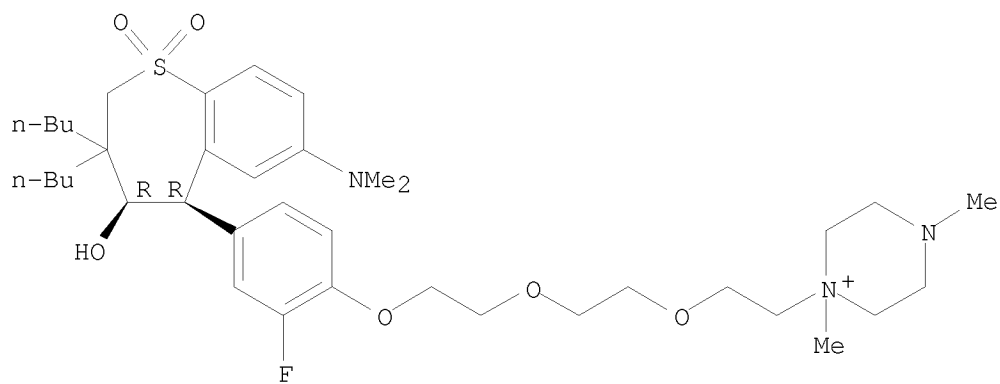


RN 197373-95-8 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

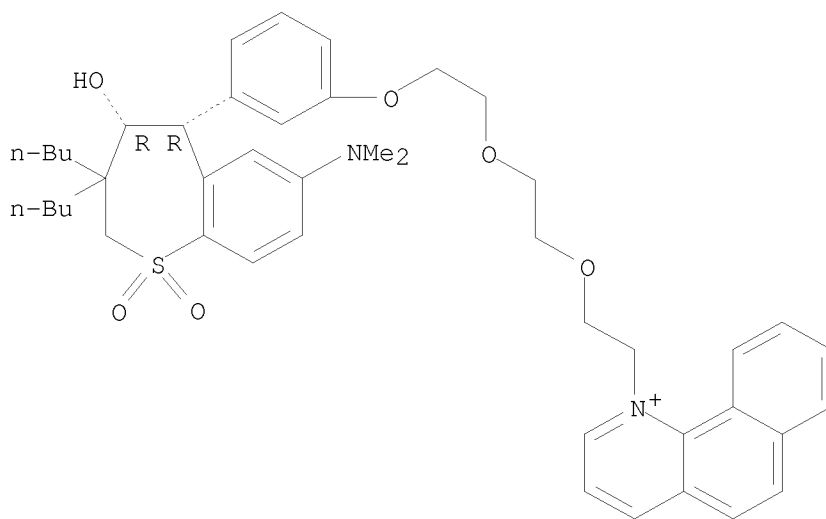
10/590,458



RN 197373-97-0 CAPLUS
CN Benzo[h]quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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PAGE 2-A

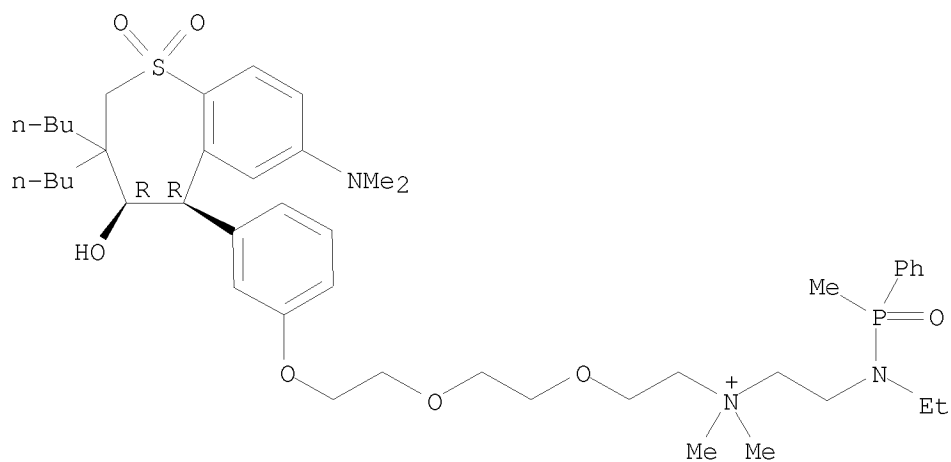


RN 197373-99-2 CAPLUS

10/590,458

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(methylphenylphosphinyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

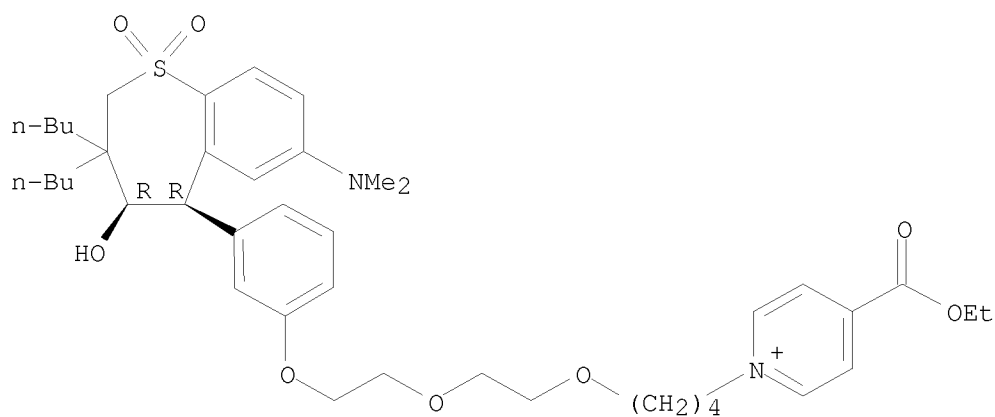
Relative stereochemistry.



RN 197374-00-8 CAPLUS

CN Pyridinium, 1-[4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]butyl]-4-(ethoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

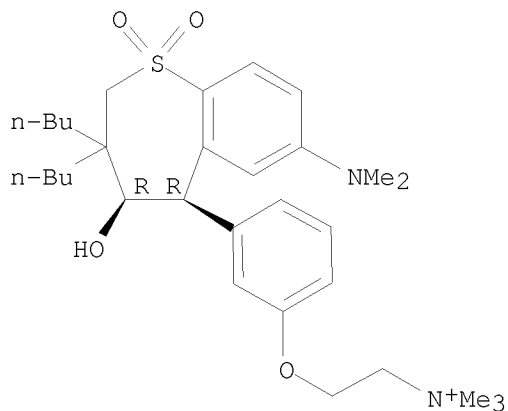


10/590,458

RN 197374-01-9 CAPLUS

CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

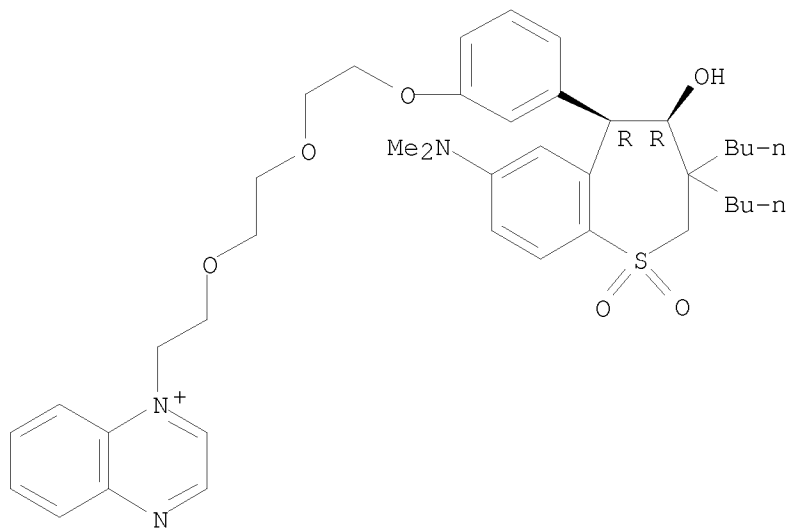


RN 197374-02-0 CAPLUS

CN Quinoxalinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

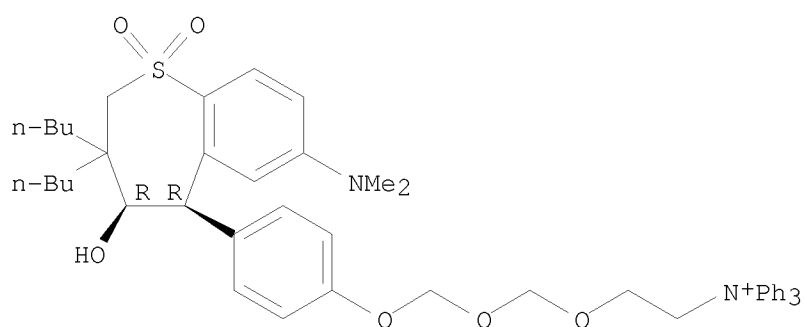
PAGE 1-A





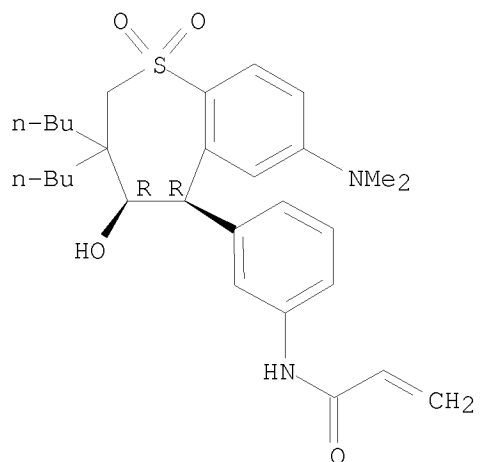
RN 197374-03-1 CAPLUS
 CN Benzenaminium, N-[2-[[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diphenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197374-04-2 CAPLUS
 CN 2-Propenamide, N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



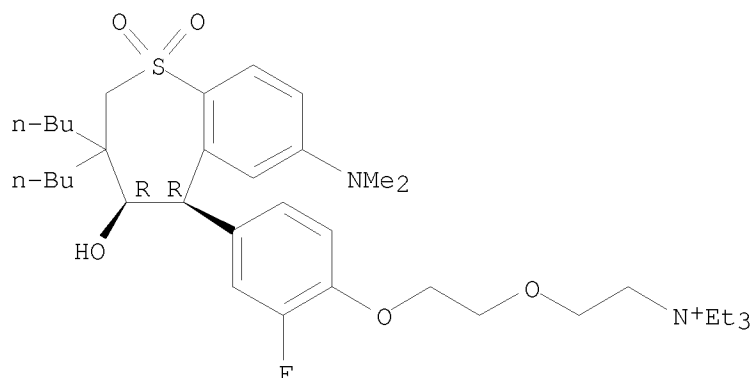
10/590,458

RN 197374-06-4 CAPLUS
CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

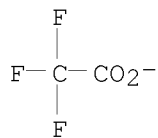
CRN 197374-05-3
CMF C36 H58 F N2 O5 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2



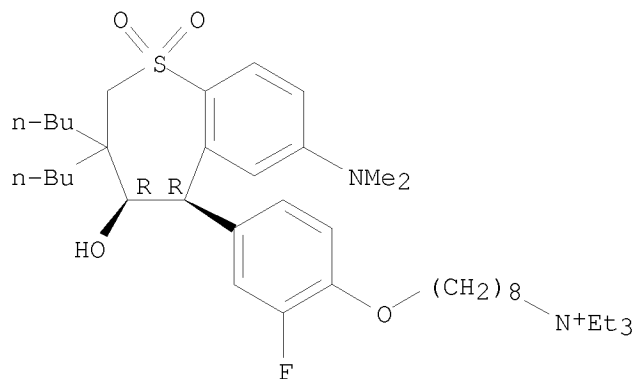
RN 197374-08-6 CAPLUS
CN 1-Octanaminium, 8-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-07-5
CMF C40 H66 F N2 O4 S

Relative stereochemistry.

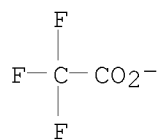
10/590,458



CM 2

CRN 14477-72-6

CMF C2 F3 O2

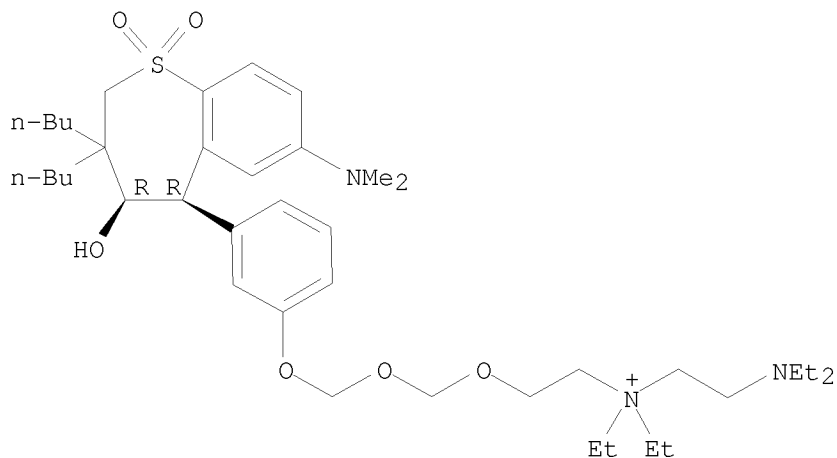


RN 197374-09-7 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

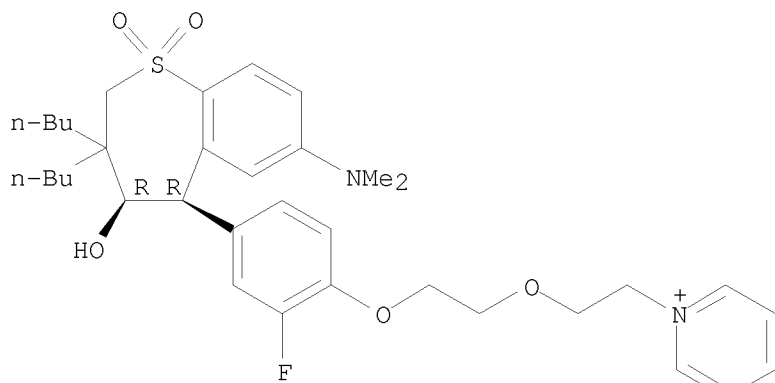
10/590,458



● I -

RN 197374-10-0 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



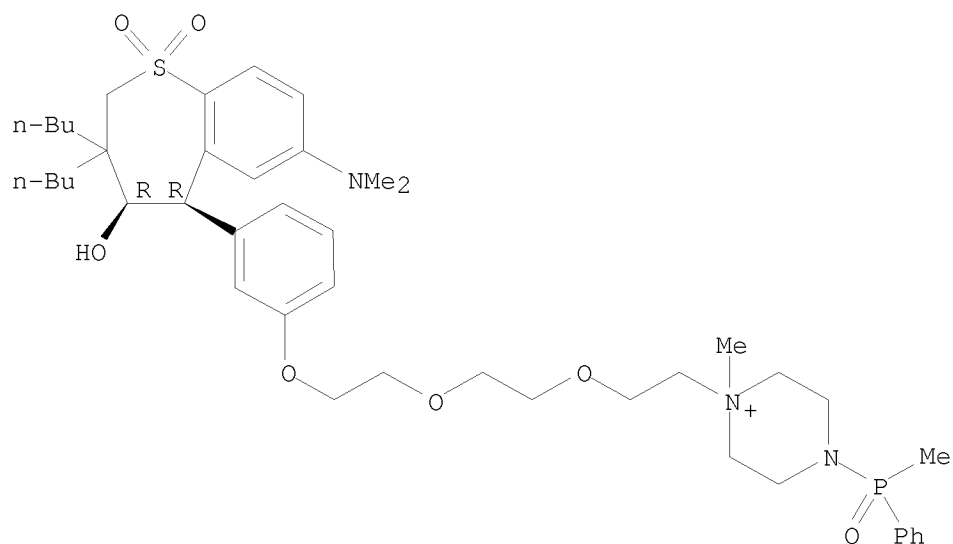
● Br⁻

RN	197374-11-1	CAPLUS
CN	Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(methylphenylphosphinyl)-, iodide (1:1), rel- (CA INDEX NAME)	

10/590,458

Relative stereochemistry.

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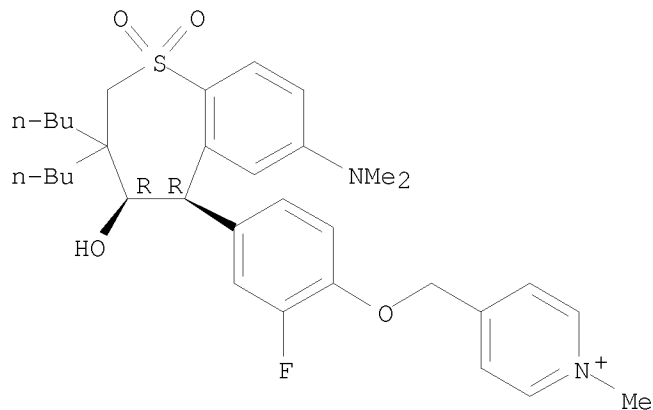
RN 197374-13-3 CAPLUS
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-12-2
CMF C33 H44 F N2 O4 S

Relative stereochemistry.

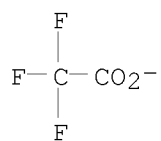
10/590,458



CM 2

CRN 14477-72-6

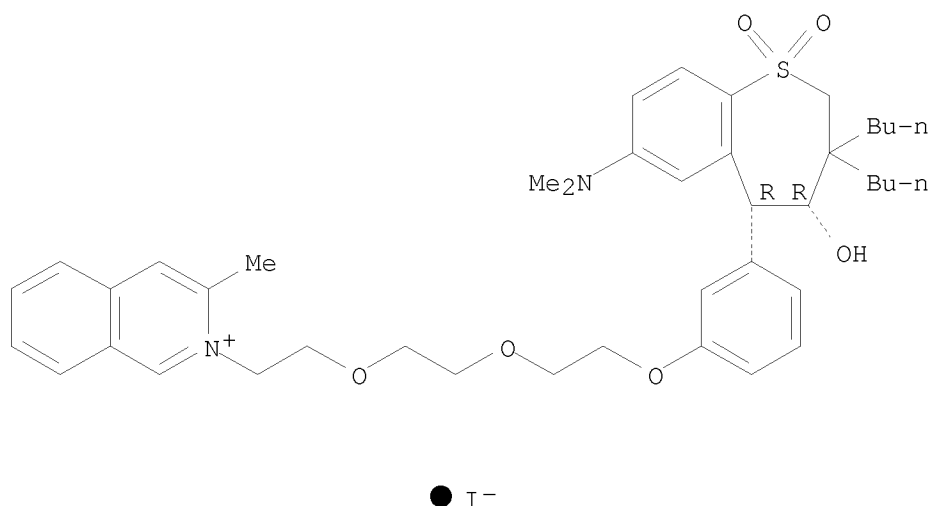
CMF C2 F3 O2



RN 197374-14-4 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

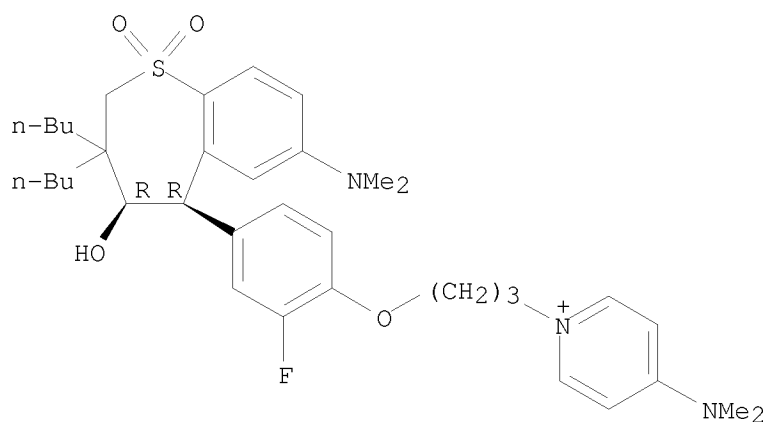


RN 197374-16-6 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-15-5
 CMF C36 H51 F N3 O4 S

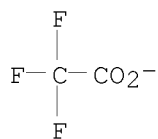
Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

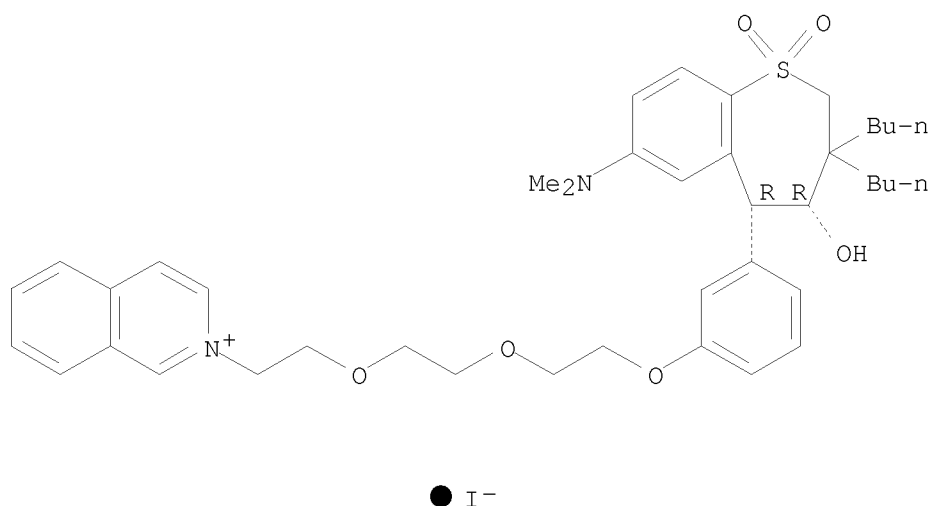
10/590,458



RN 197374-17-7 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

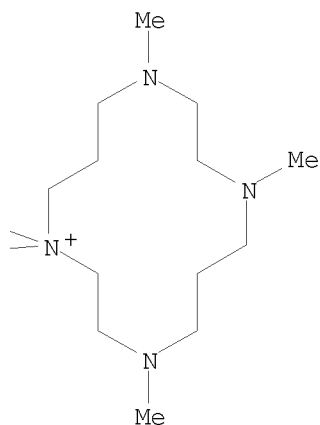
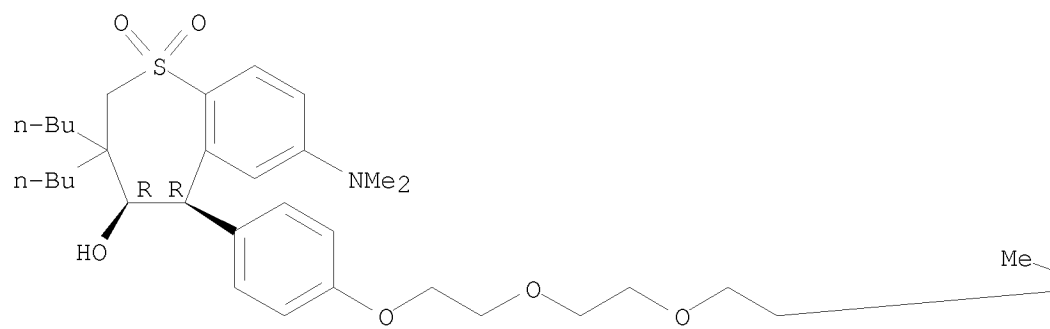
Relative stereochemistry.



RN 197374-18-8 CAPLUS

CN 4,8,11-Triaza-1-azoniacyclotetradecane, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4,8,11-tetramethyl-, iodide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

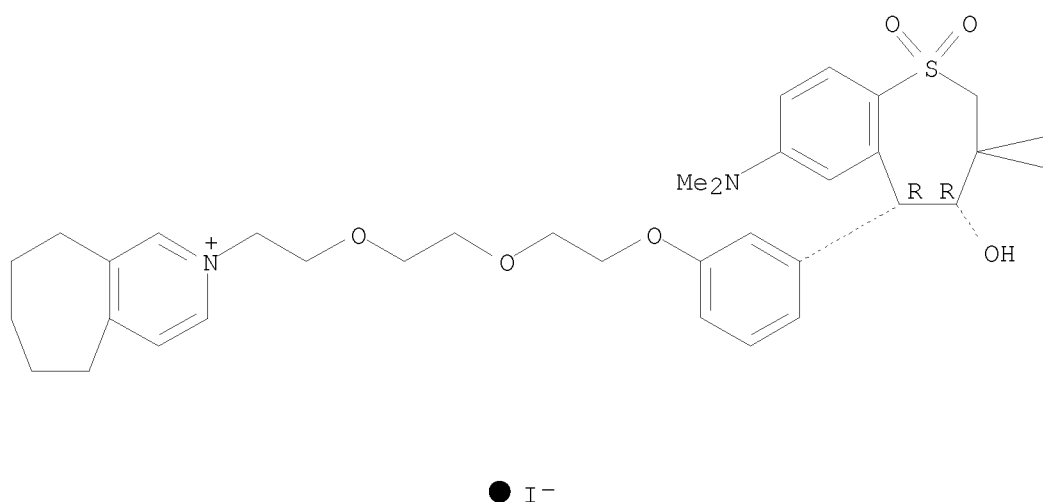


RN 197374-19-9 CAPLUS

CN 5H-Cyclohepta[c]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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— Bu-n

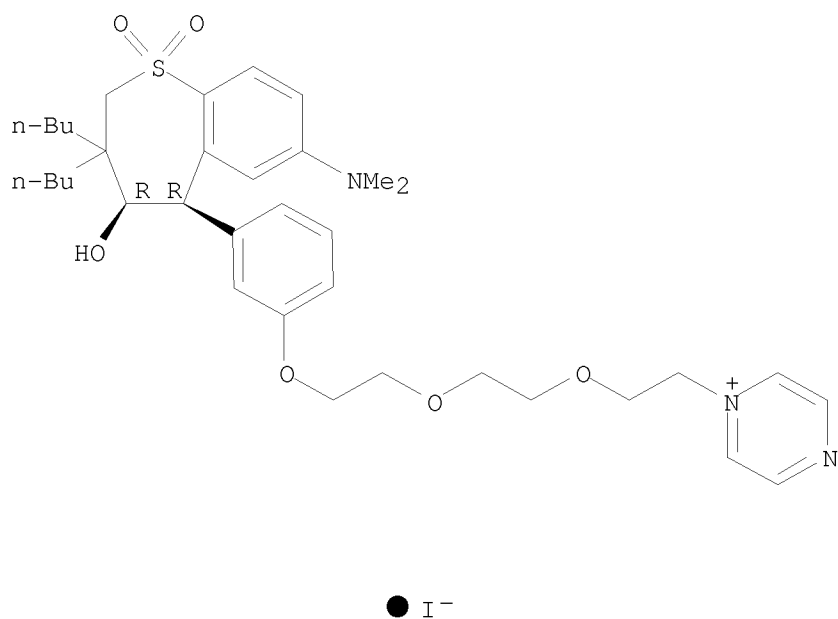
— Bu-n

RN 197374-20-2 CAPLUS

CN Pyrazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

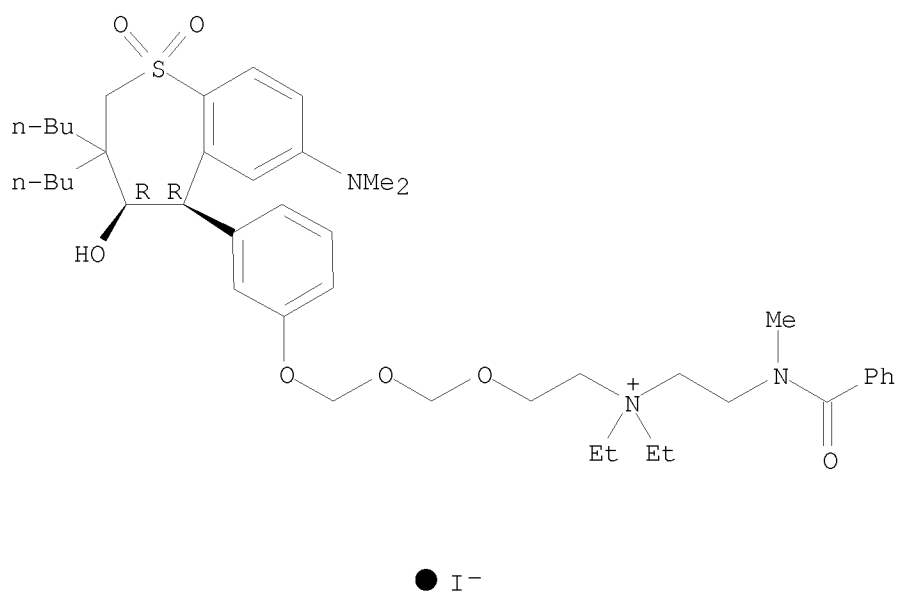
Relative stereochemistry.

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RN 197374-21-3 CAPLUS
CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

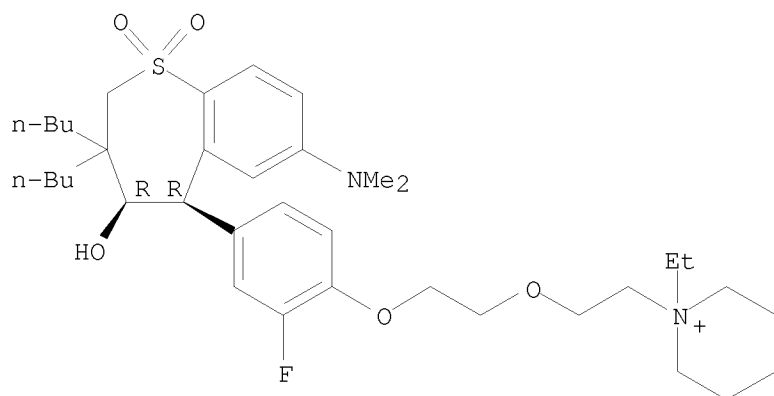


RN 197374-22-4 CAPLUS

10/590,458

CN Piperidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

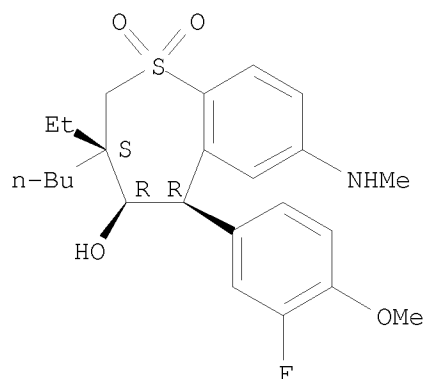


● Br⁻

RN 197374-23-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-7-(methylamino)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

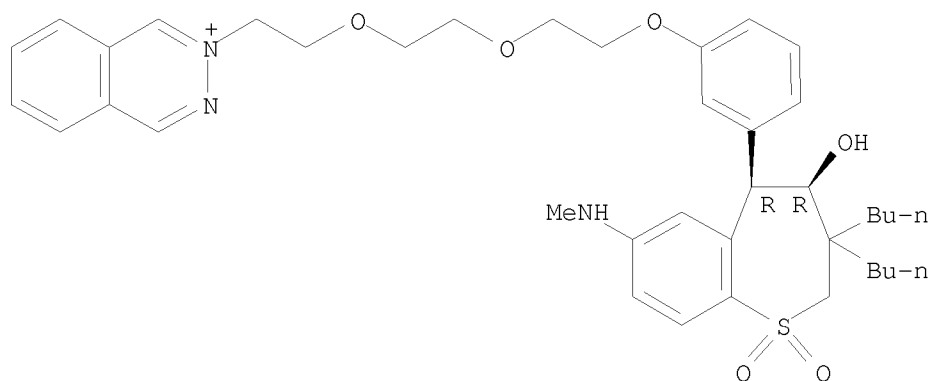
Relative stereochemistry.



RN 197374-24-6 CAPLUS

CN Phthalazininium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

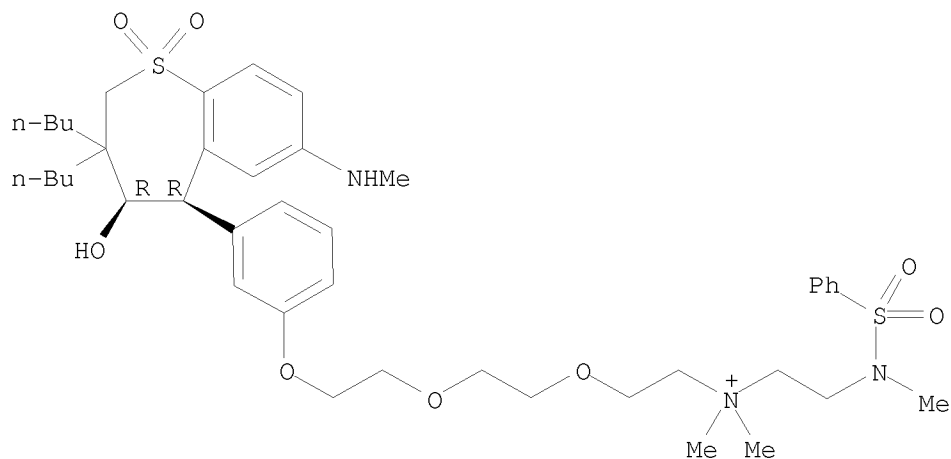
Relative stereochemistry.



RN 197374-25-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

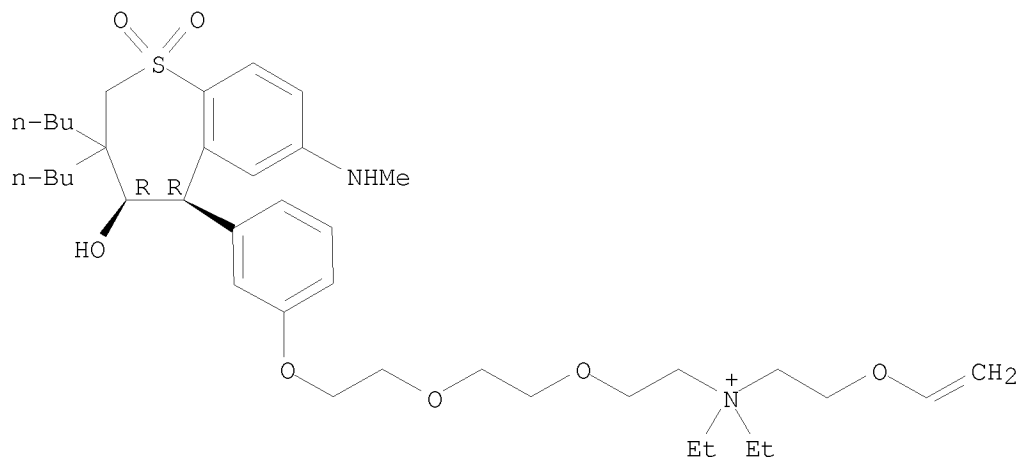


RN 197374-26-8 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(ethenyloxy)ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

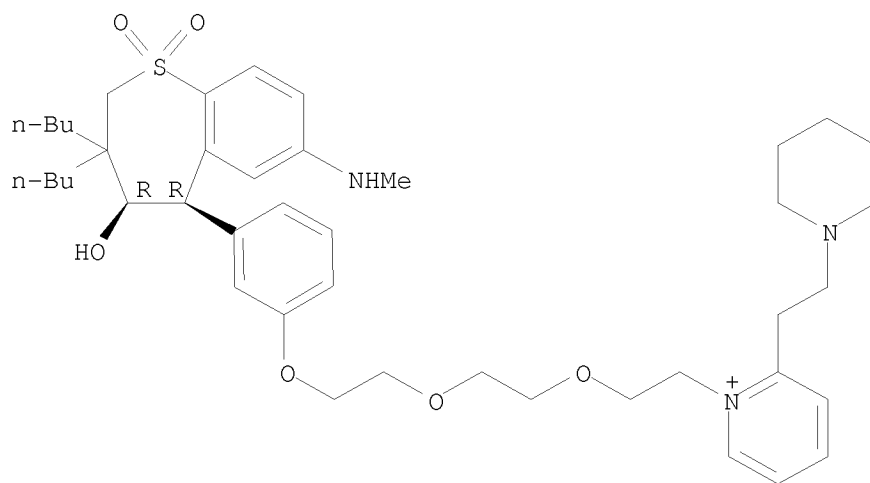
10/590,458



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RN 197374-27-9 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[2-(1-piperidinyl)ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



● I⁻

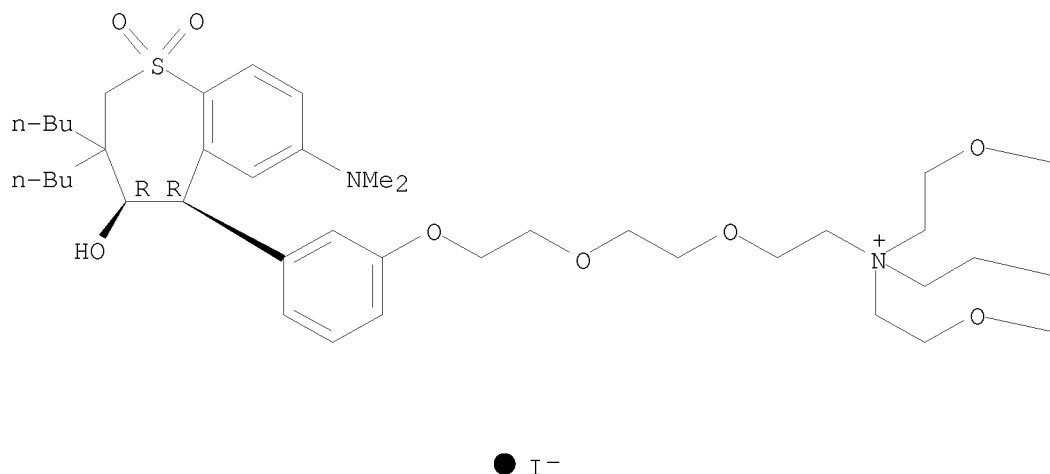
RN 197374-28-0 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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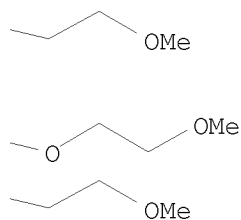
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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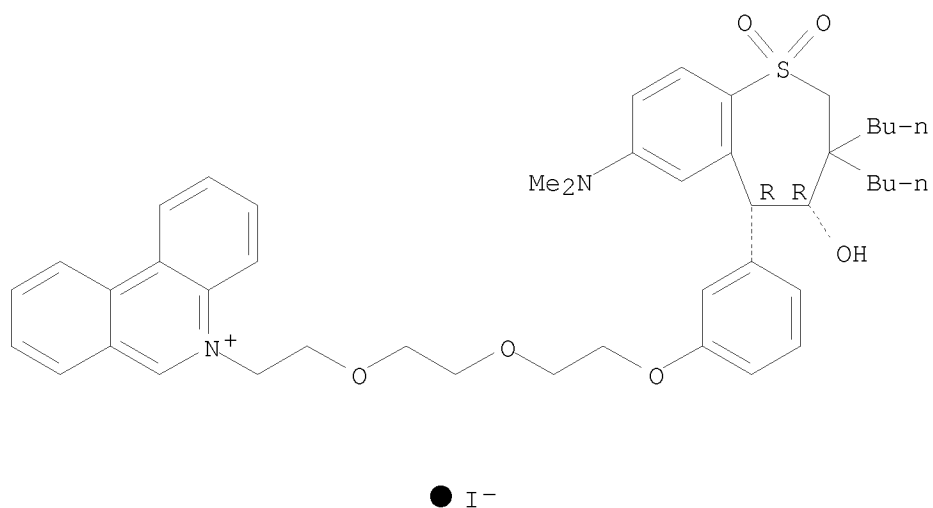
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RN 197374-29-1 CAPLUS
CN Phenanthridinium, 5-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

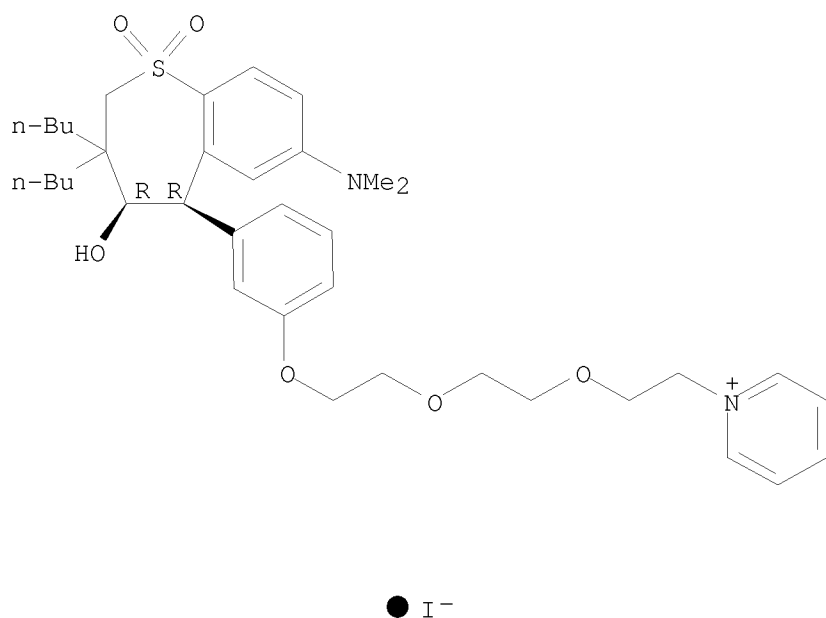
Relative stereochemistry.

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RN 197374-31-5 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

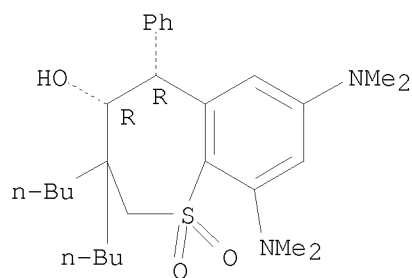
Relative stereochemistry.



RN 197374-32-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-bis(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

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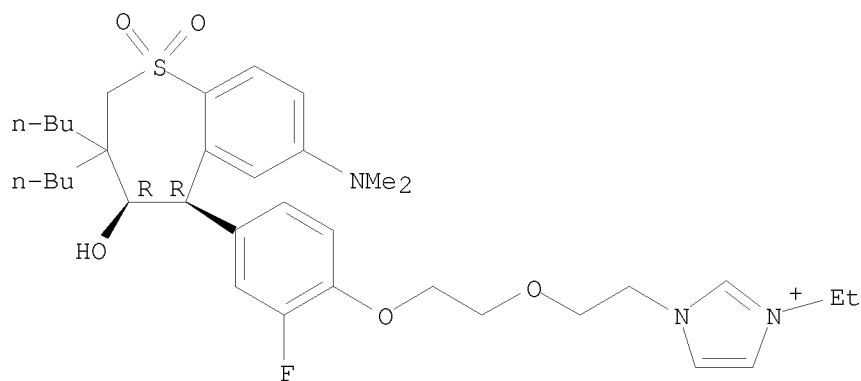


RN 197374-34-8 CAPLUS
CN 1H-Imidazolium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1)
(CA INDEX NAME)

CM 1

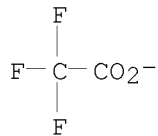
CRN 197374-33-7
CMF C35 H51 F N3 O5 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

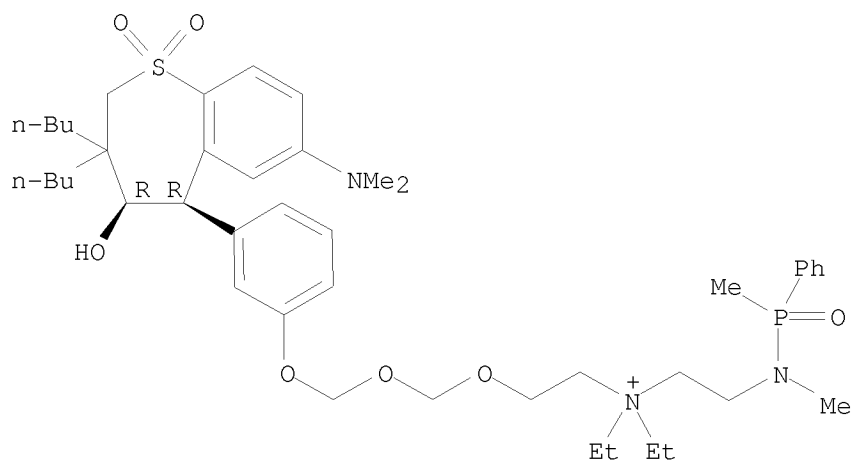


RN 197374-35-9 CAPLUS
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-

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tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

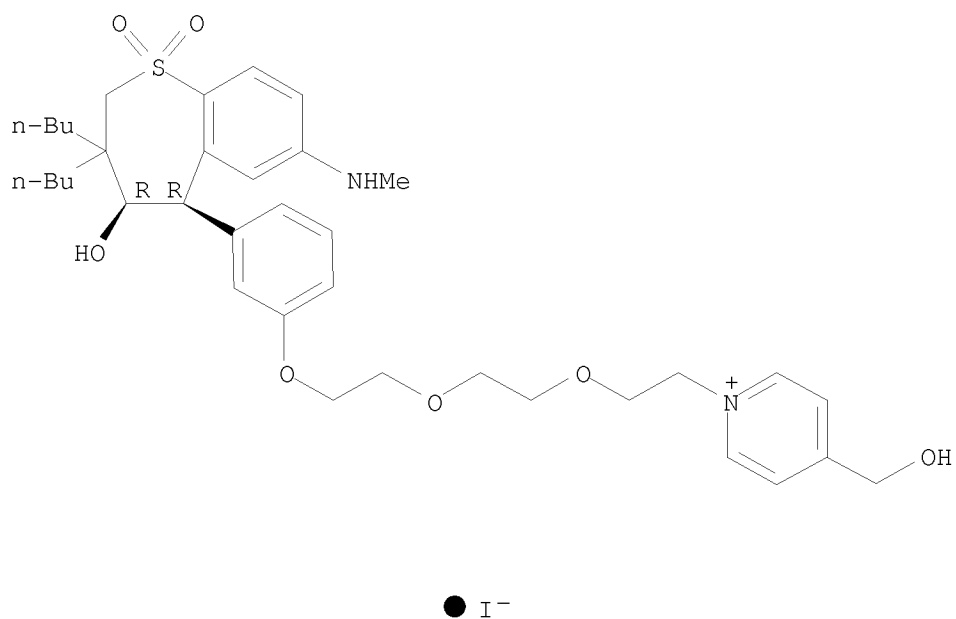


RN 197374-36-0 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, iodide (1:1), rel- (CA INDEX NAME)

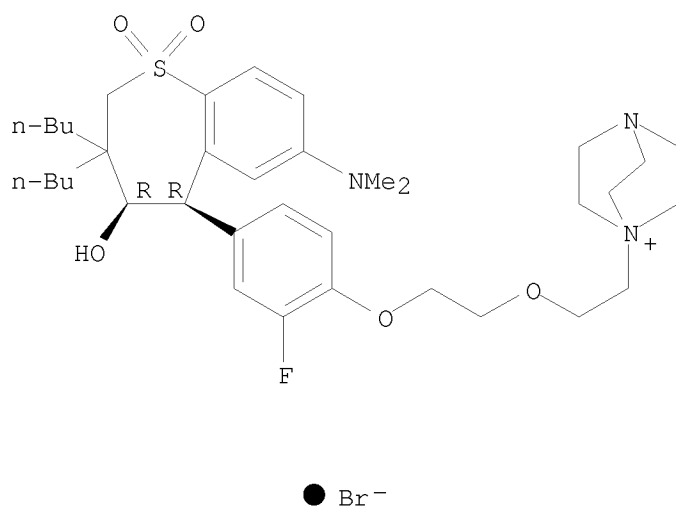
Relative stereochemistry.

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RN 197374-37-1 CAPLUS
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-,
bromide (1:1), rel- (CA INDEX NAME)

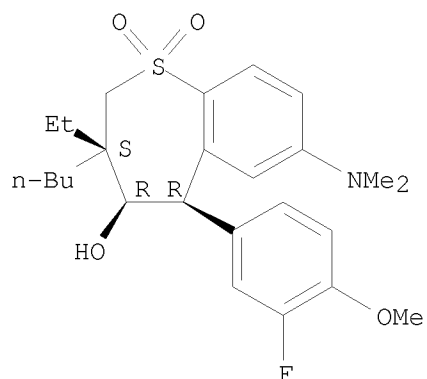
Relative stereochemistry.



RN 197374-38-2 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

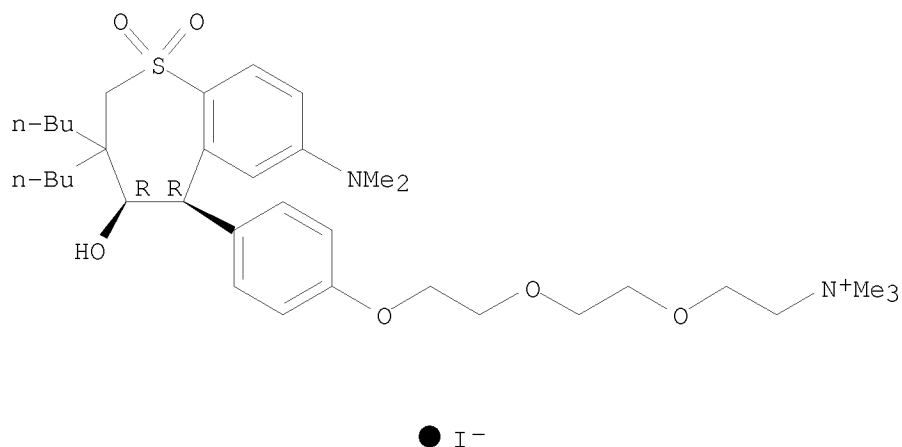
10/590,458

Relative stereochemistry.



RN 197374-39-3 CAPLUS
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

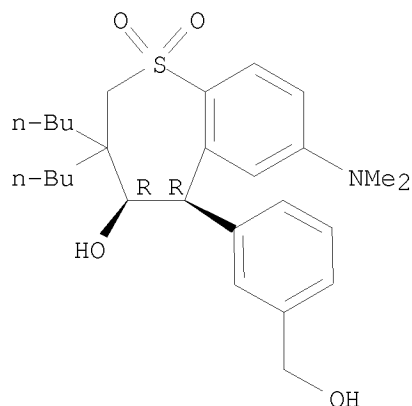
Relative stereochemistry.



RN 197374-40-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

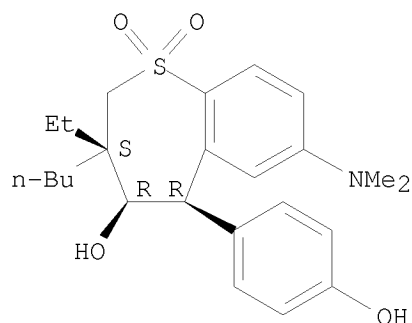
10/590,458



RN 197374-41-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

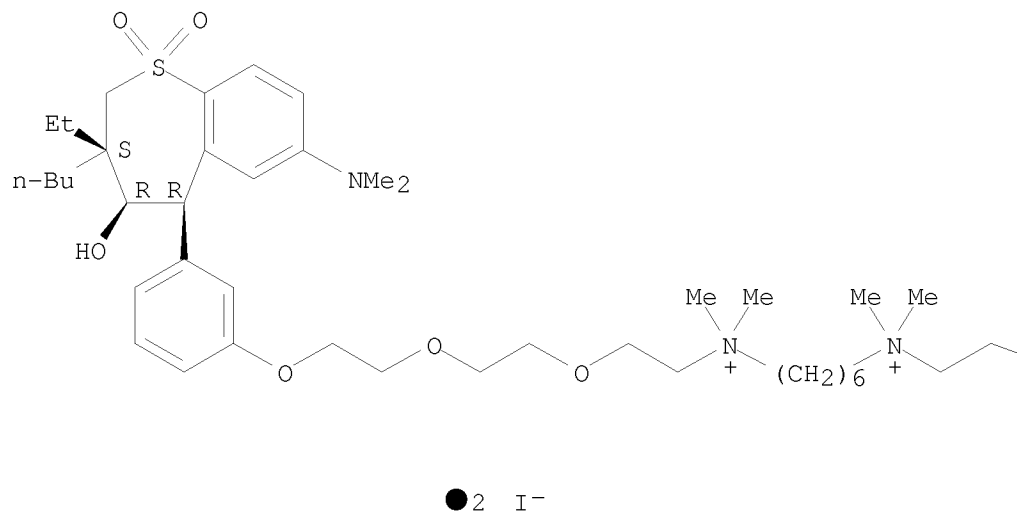


RN 197374-42-8 CAPLUS

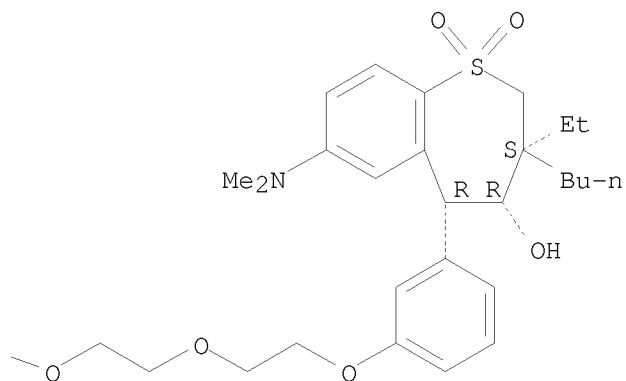
CN 1,6-Hexanediaminium, N1,N6-bis[2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N6,N6-tetramethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

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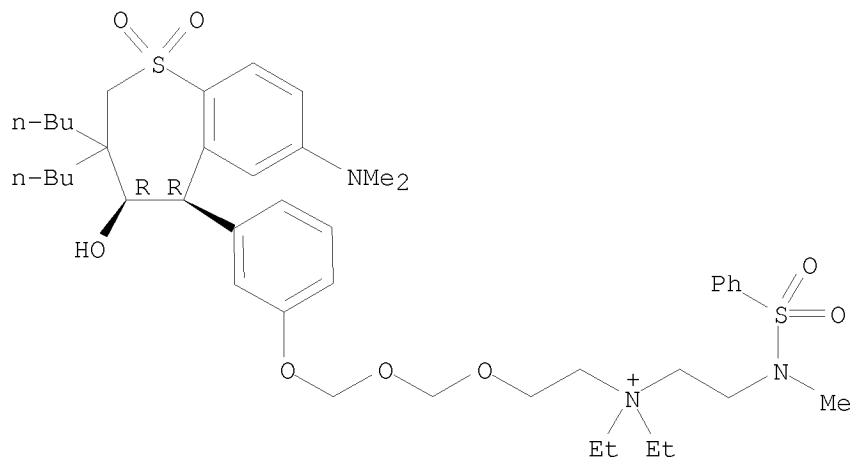


RN 197374-43-9 CAPLUS

CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

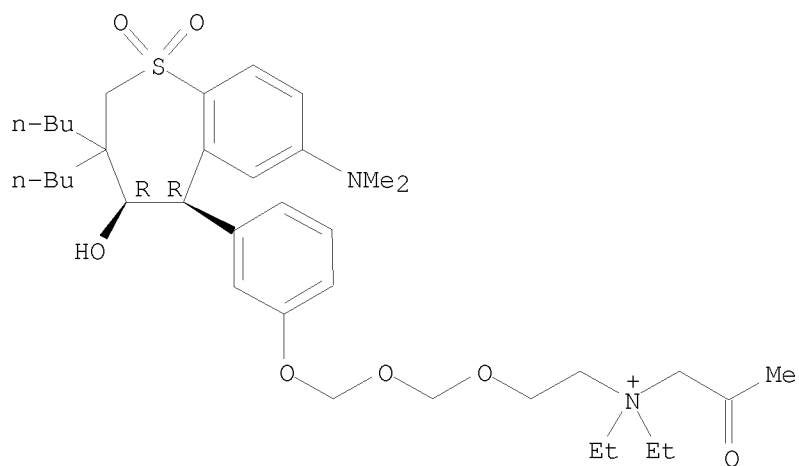
10/590,458



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RN 197374-44-0 CAPLUS
 CN 1-Propanaminium, N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



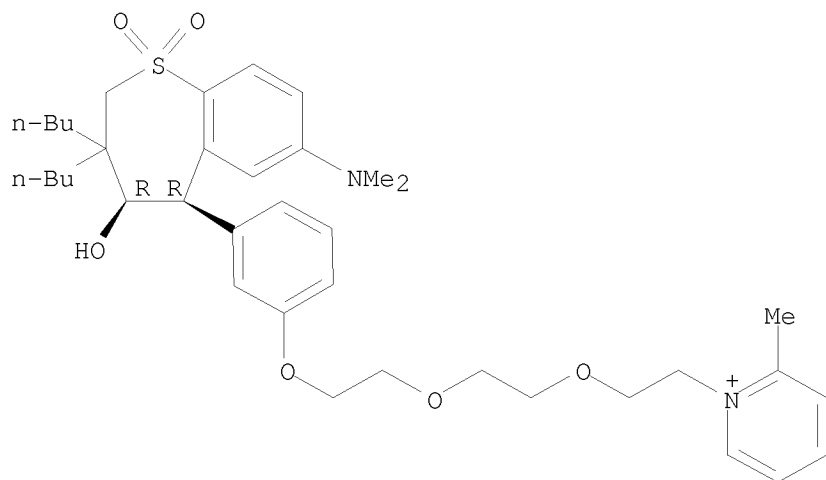
● I⁻

RN 197374-46-2 CAPLUS
 CN Pyridinium, 1-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-2-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

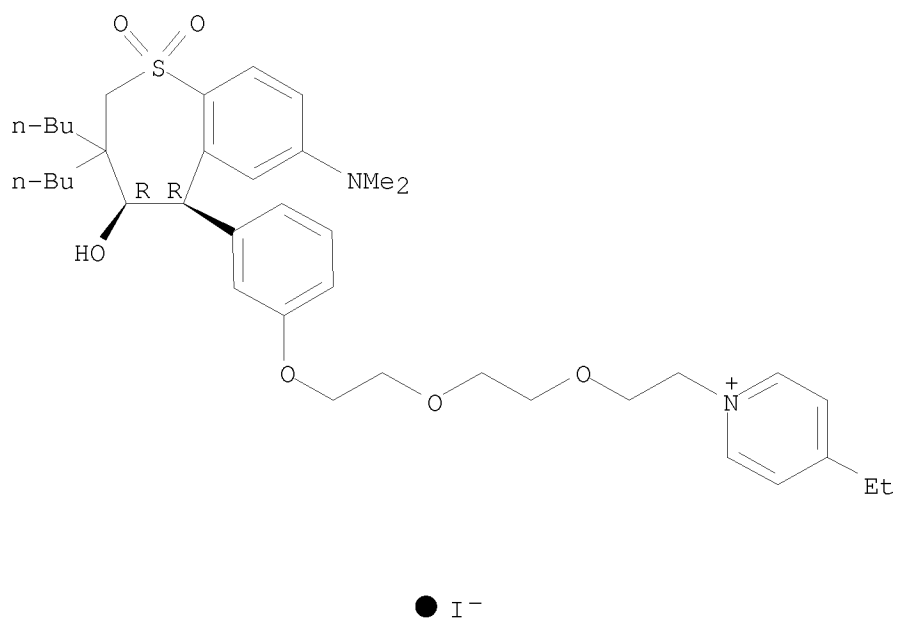


RN 197374-47-3 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

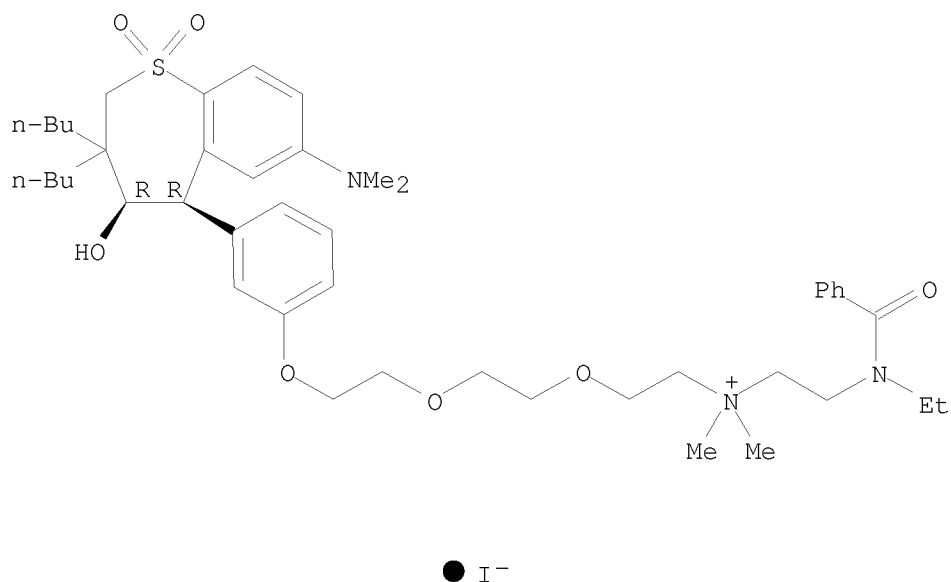
Relative stereochemistry.

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RN 197374-49-5 CAPLUS
CN Ethanaminium, 2-(benzoyl ethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

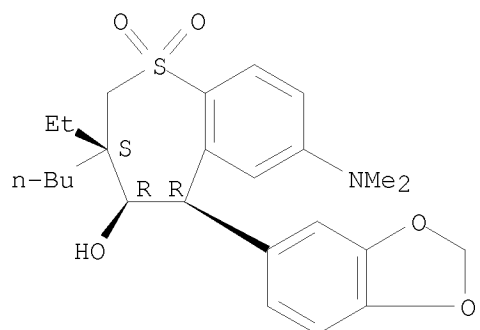
Relative stereochemistry.



RN 197374-50-8 CAPLUS
CN 1-Benzothiepin-4-ol, 5-(1,3-benzodioxol-5-yl)-3-butyl-7-(dimethylamino)-3-

ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

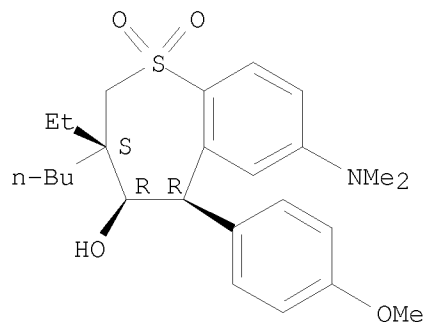
Relative stereochemistry.



RN 197374-51-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

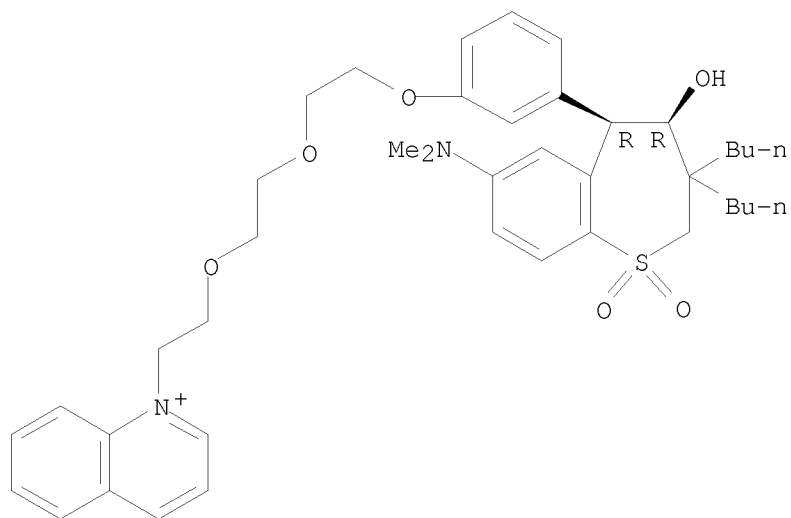


RN 197374-52-0 CAPLUS

CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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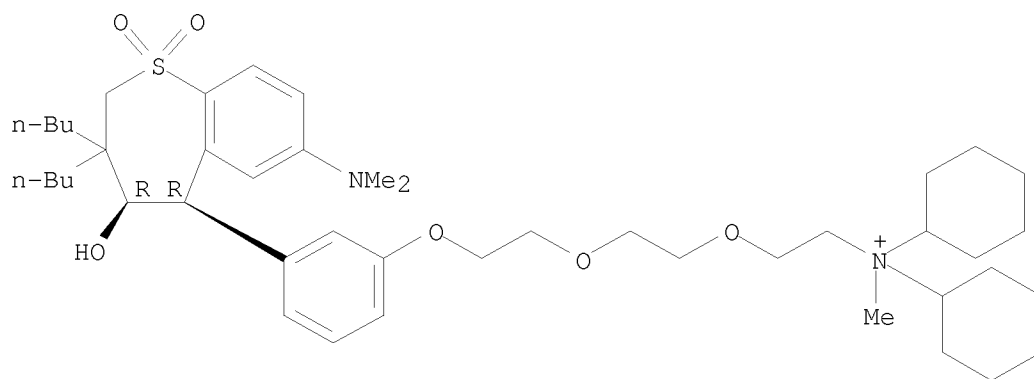
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RN 197374-53-1 CAPLUS

CN Cyclohexanaminium, N-cyclohexyl-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-, iodide (1:1), rel- (CA INDEX NAME)

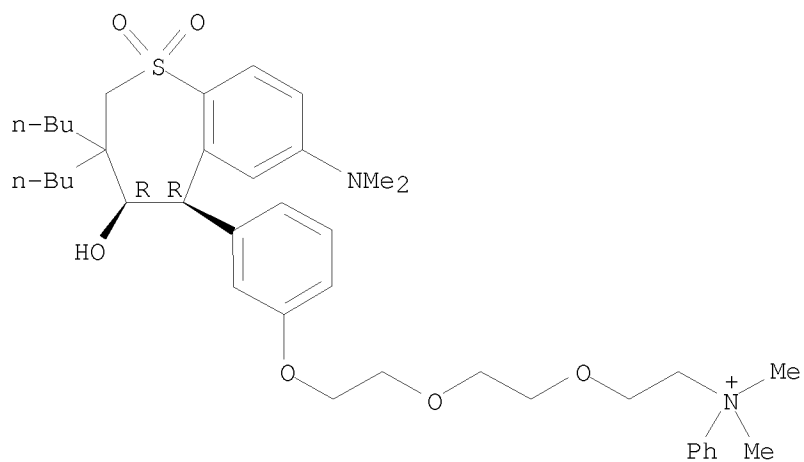
Relative stereochemistry.



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RN 197374-54-2 CAPLUS
CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

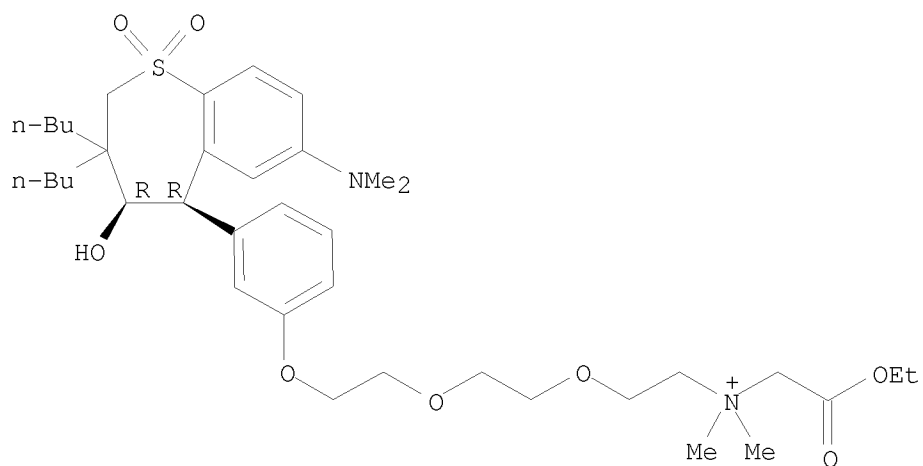
Relative stereochemistry.



RN 197374-55-3 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-ethoxy-N,N-dimethyl-2-oxo-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

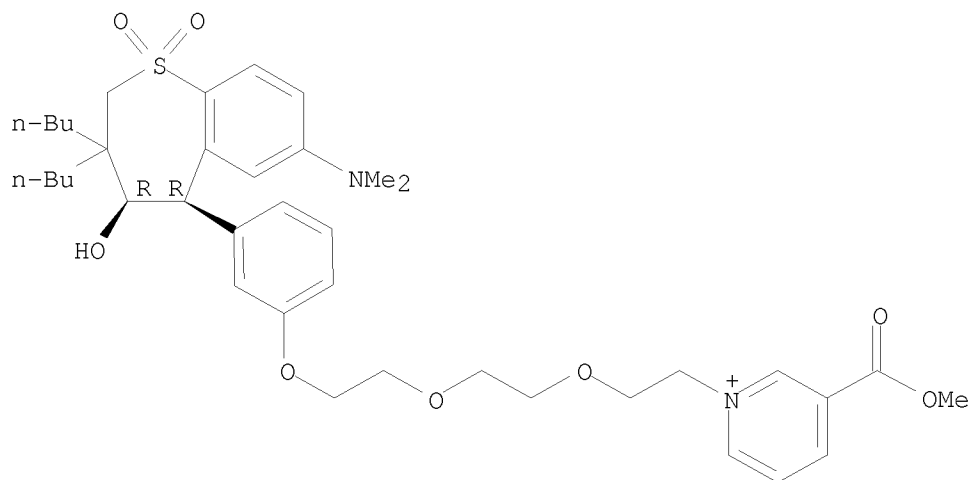
10/590,458



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RN 197374-56-4 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-3-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



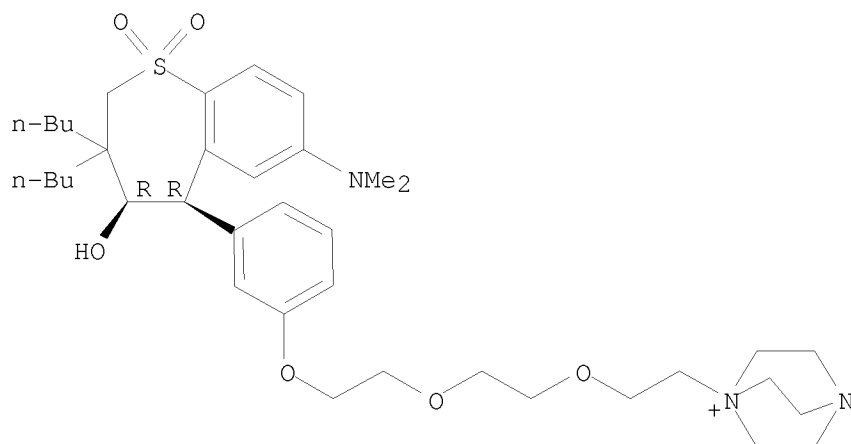
● I^-

RN 197374-57-5 CAPLUS

10/590,458

CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-,
iodide (1:1), rel- (CA INDEX NAME)

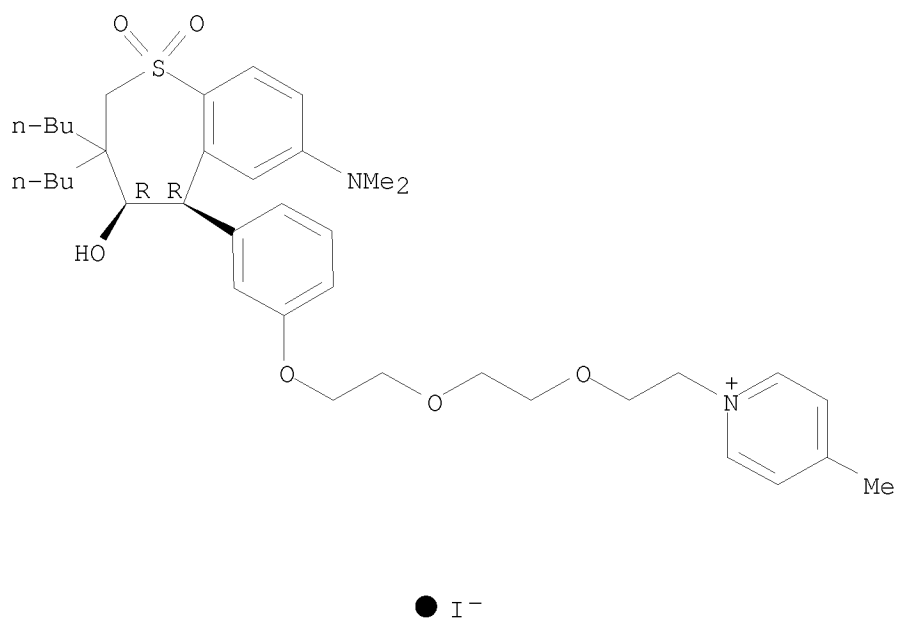
Relative stereochemistry.



RN 197374-58-6 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX
NAME)

Relative stereochemistry.

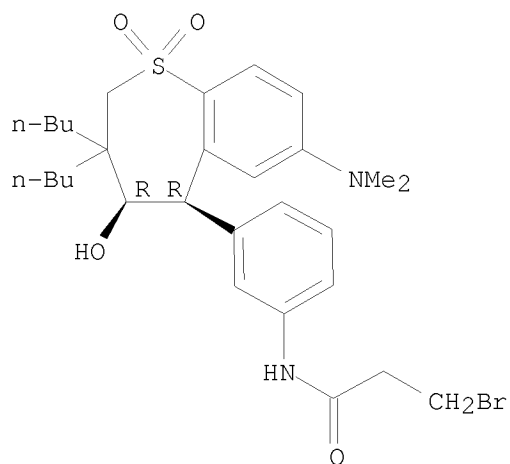
10/590,458



RN 197374-59-7 CAPLUS

CN Propanamide, 3-bromo-N-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

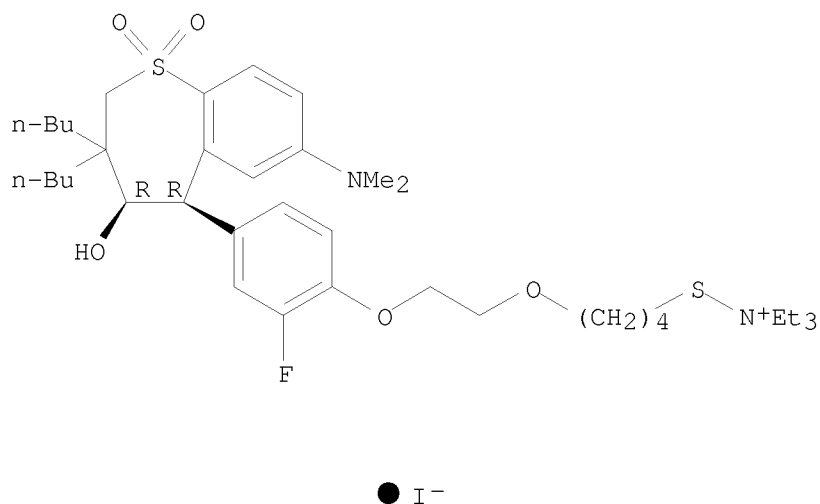


RN 197374-60-0 CAPLUS

CN Ethanaminium, N-[[4-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]butyl]thio]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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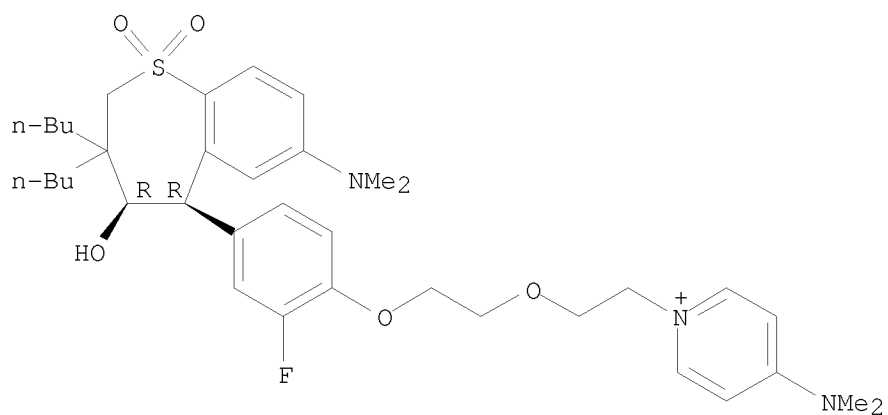


RN 197374-62-2 CAPLUS
 CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-(dimethylamino)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-61-1
 CMF C37 H53 F N3 O5 S

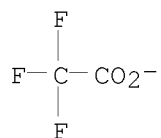
Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2

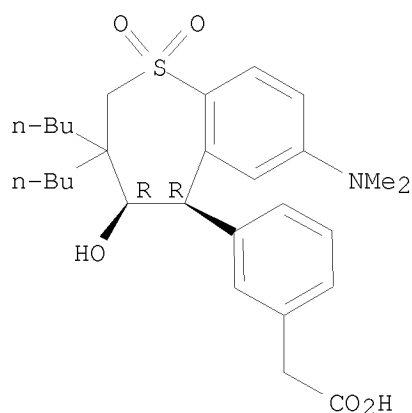
10/590,458



RN 197374-63-3 CAPLUS

CN Benzeneacetic acid, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

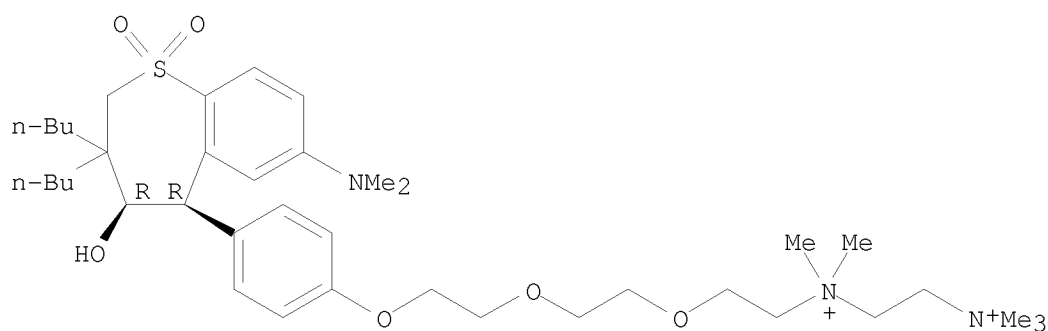
Relative stereochemistry.



RN 197374-64-4 CAPLUS

CN 1,2-Ethanediaminium, N1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

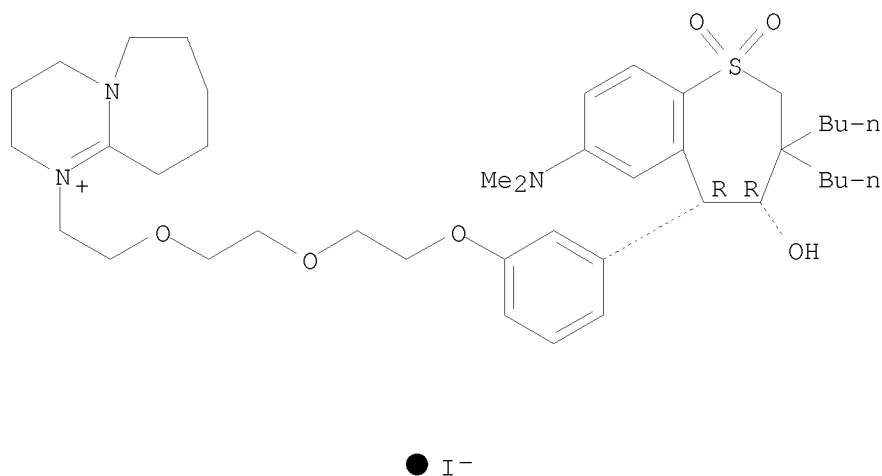


● 2 I⁻

RN 197374-65-5 CAPLUS

CN Pyrimido[1,2-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,3,4,6,7,8,9,10-octahydro-, iodide (1:1), rel- (CA INDEX NAME)

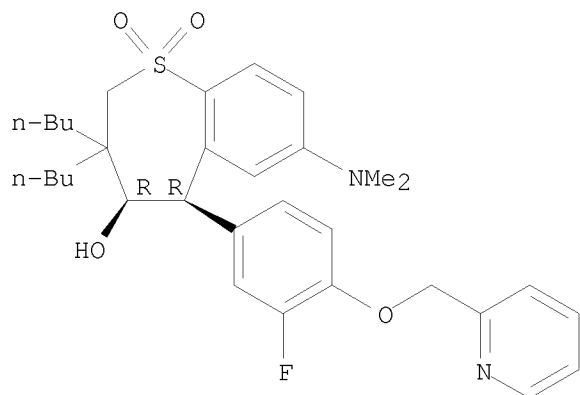
Relative stereochemistry.



RN 197374-68-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(2-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

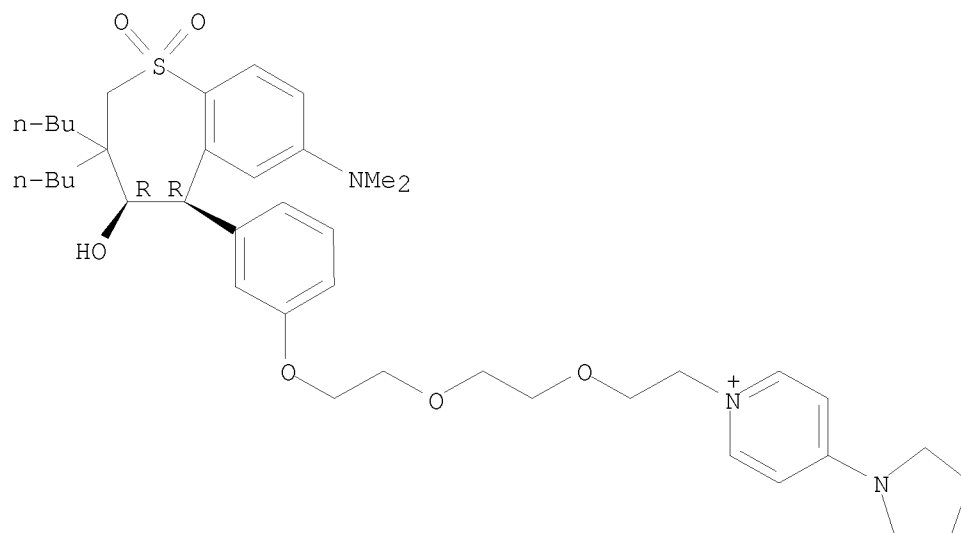
Relative stereochemistry.



RN 197374-69-9 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-pyrrolidinyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

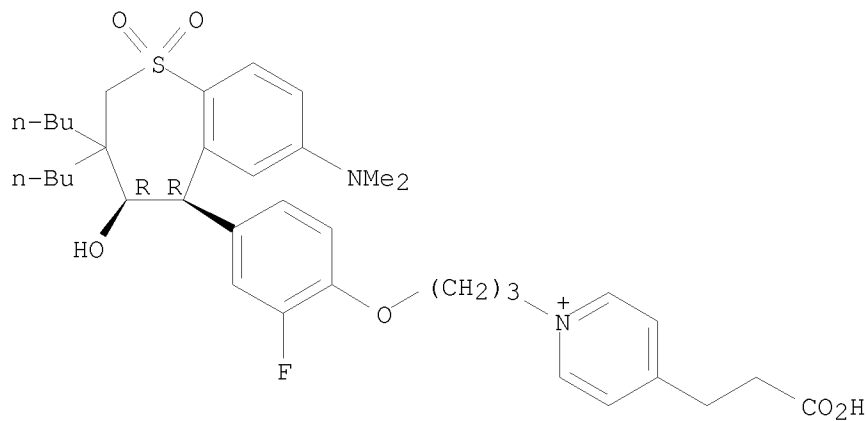


RN 197374-71-3 CAPLUS
 CN Pyridinium, 4-(2-carboxyethyl)-1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197374-70-2
 CMF C37 H50 F N2 O6 S

Relative stereochemistry.

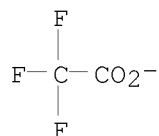


10/590,458

CM 2

CRN 14477-72-6

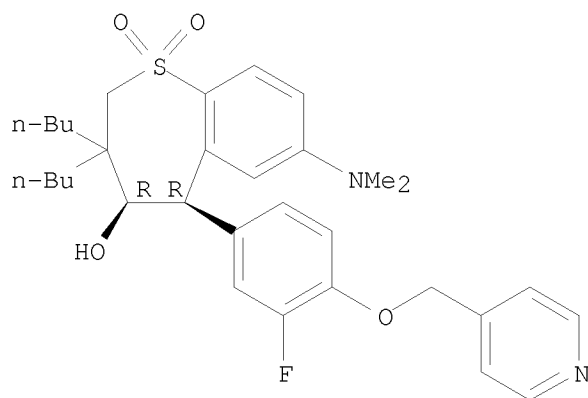
CMF C2 F3 O2



RN 197374-73-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-(4-pyridinylmethoxy)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

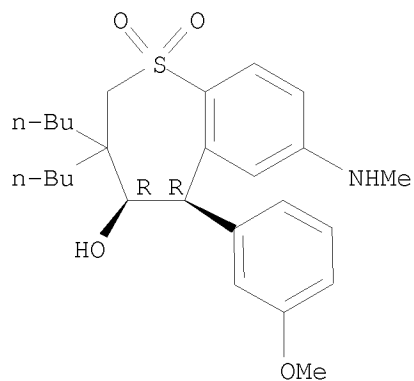


RN 197374-74-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

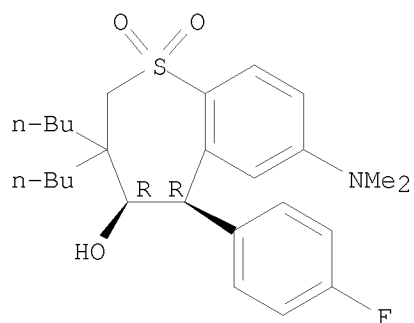
10/590,458



RN 197374-75-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

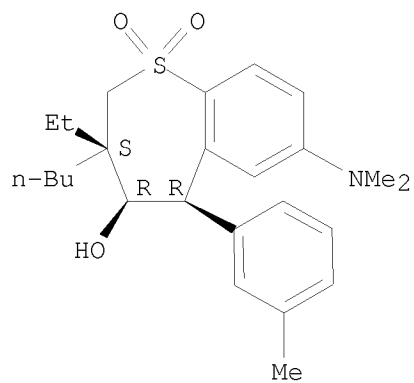
Relative stereochemistry.



RN 197374-76-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

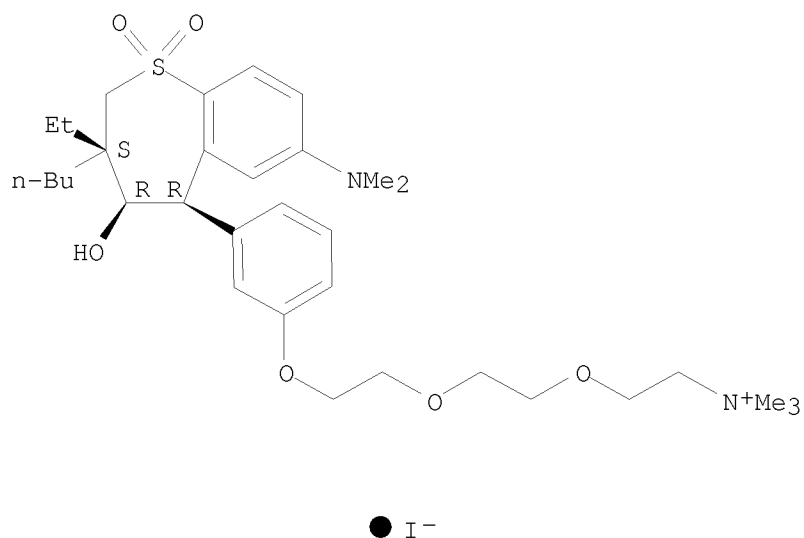


RN 197374-77-9 CAPLUS

10/590,458

CN Ethanaminium, 2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

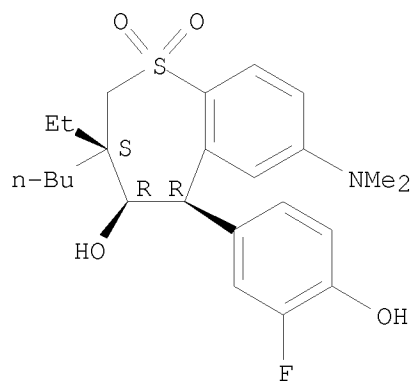
Relative stereochemistry.



RN 197374-78-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

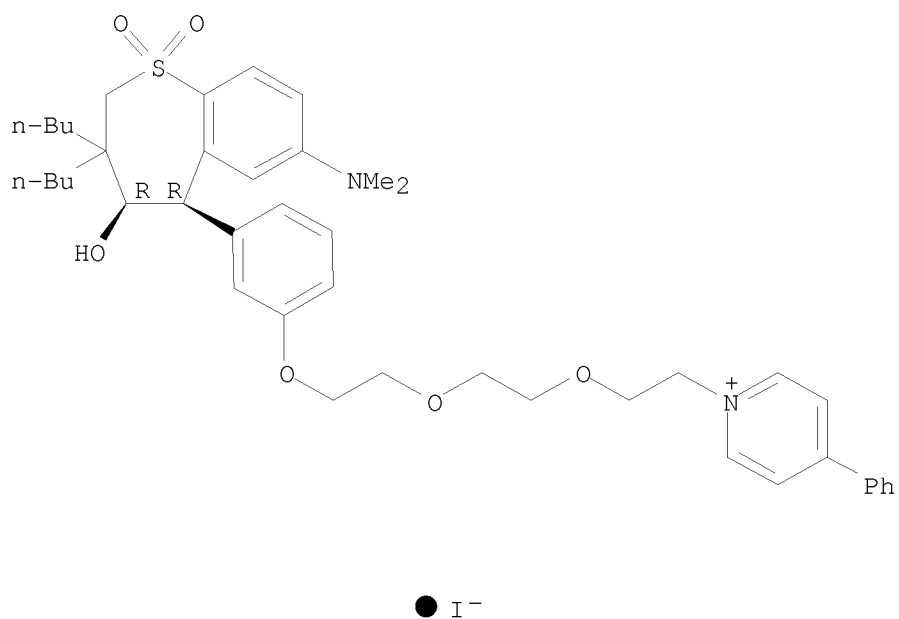


RN 197374-79-1 CAPLUS

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

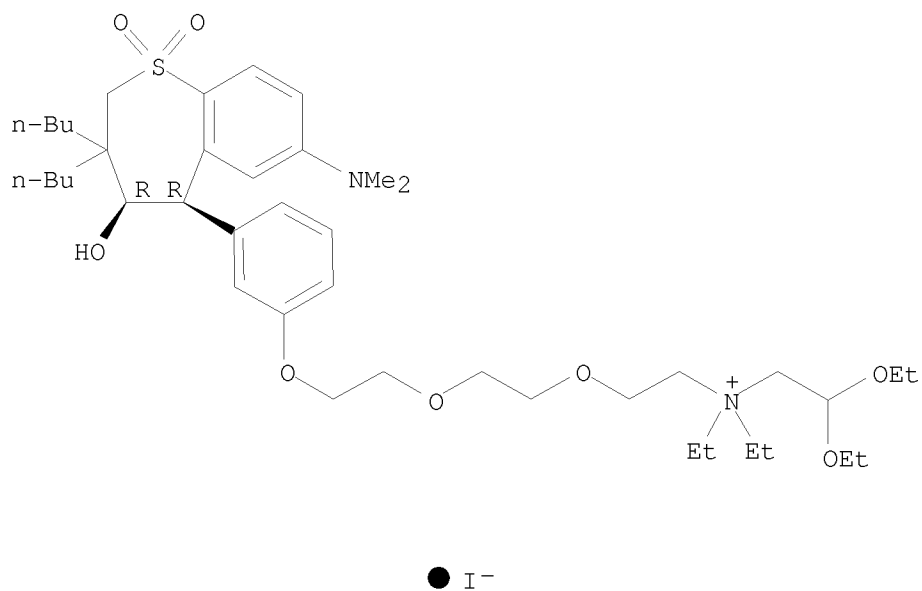
Relative stereochemistry.

10/590,458



RN 197374-80-4 CAPLUS
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,2-diethoxy-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



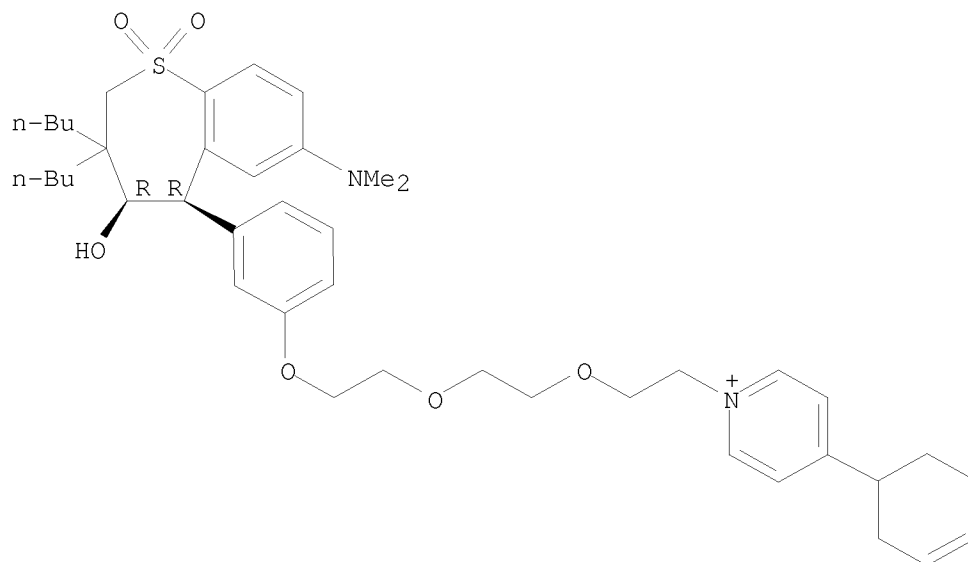
RN 197374-81-5 CAPLUS

10/590,458

CN Pyridinium, 4-(3-cyclohexen-1-yl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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PAGE 2-A

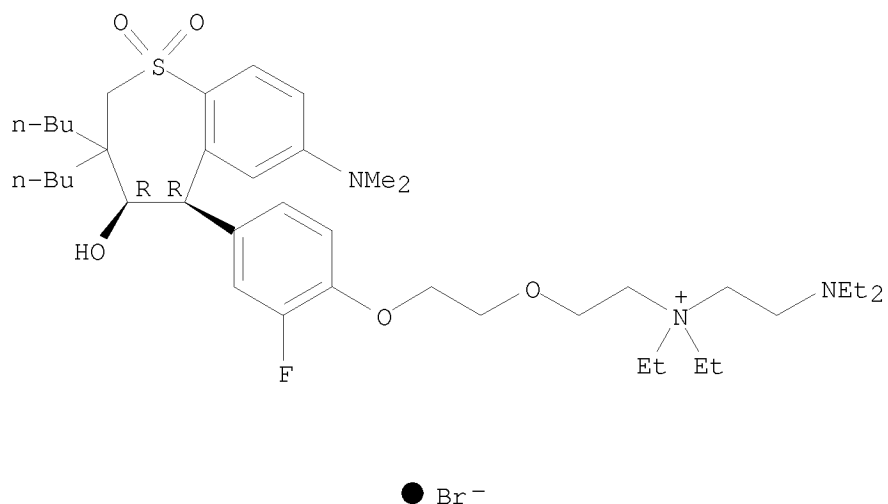


RN 197374-82-6 CAPLUS

CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, bromide (1:1), rel- (CA INDEX NAME)

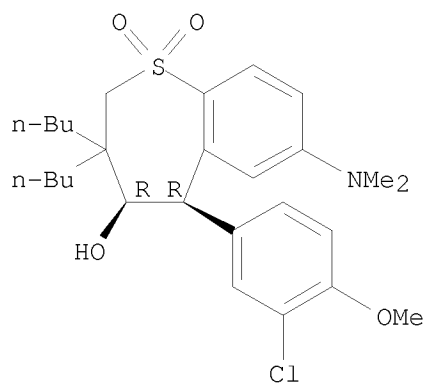
Relative stereochemistry.

10/590,458



RN 197374-83-7 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

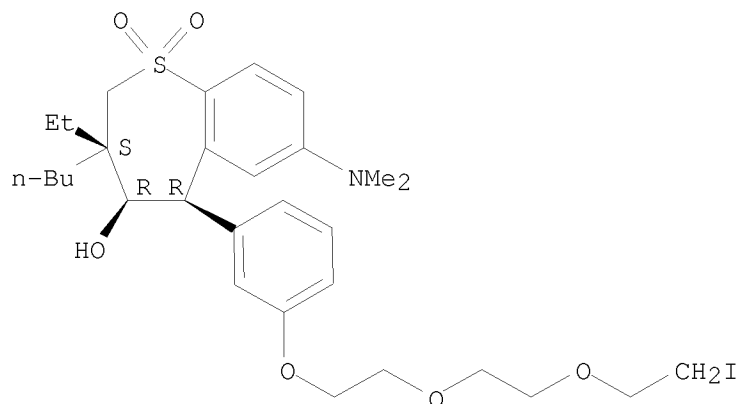
Relative stereochemistry.



RN 197374-84-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

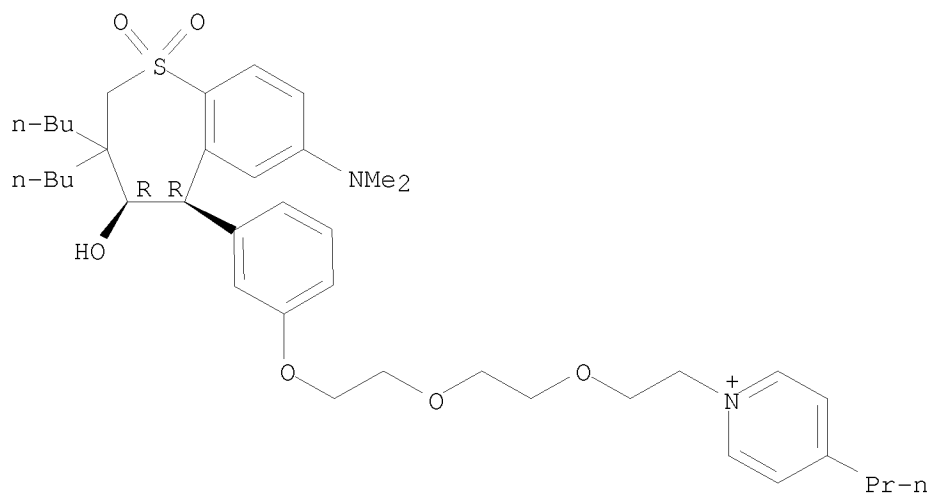
Relative stereochemistry.

10/590,458



RN 197374-85-9 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-propyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

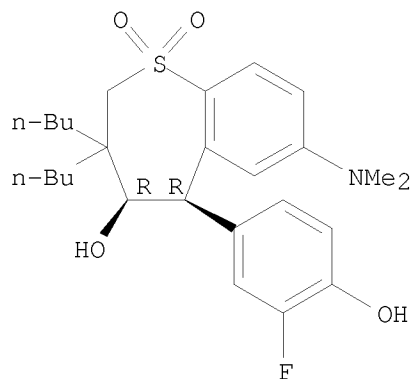


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RN 197374-86-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

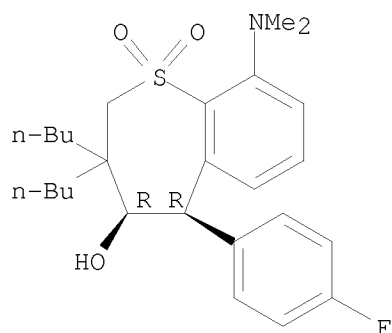
10/590,458



RN 197374-87-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

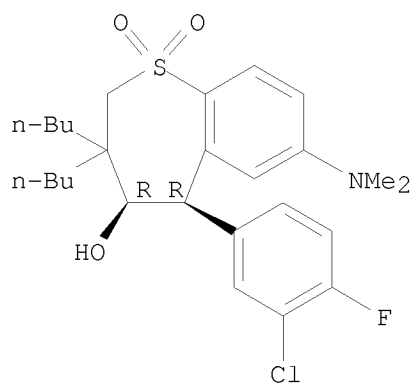
Relative stereochemistry.



RN 197374-88-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-fluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

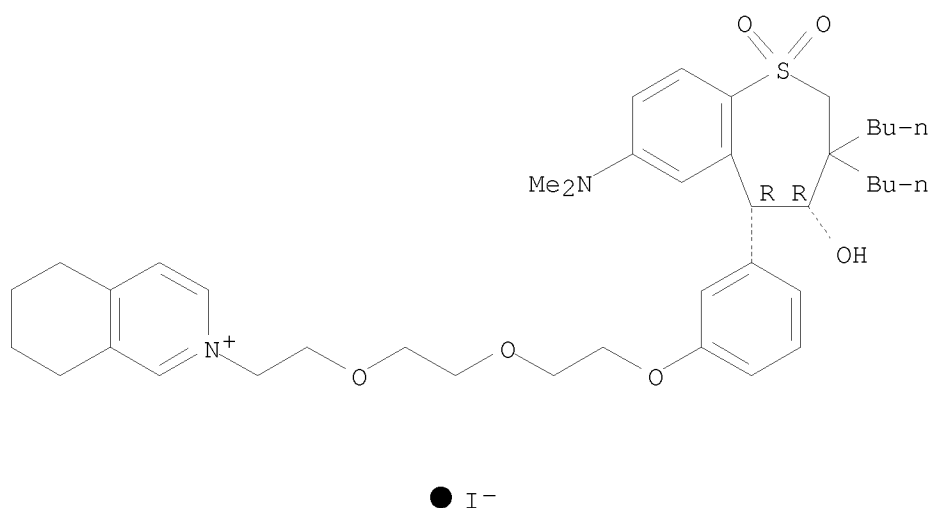


10/590,458

RN 197374-89-3 CAPLUS

CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5,6,7,8-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

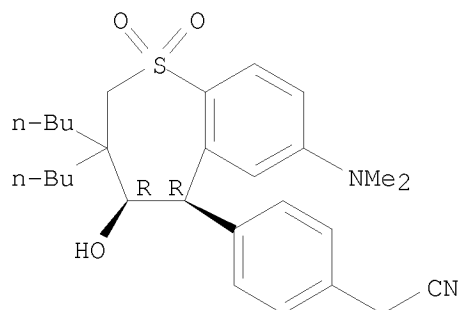
Relative stereochemistry.



RN 197374-90-6 CAPLUS

CN Benzeneacetonitrile, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

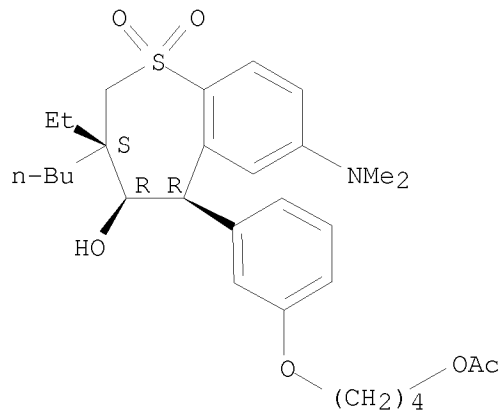


RN 197374-91-7 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[3-[4-(acetyloxy)butoxy]phenyl]-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

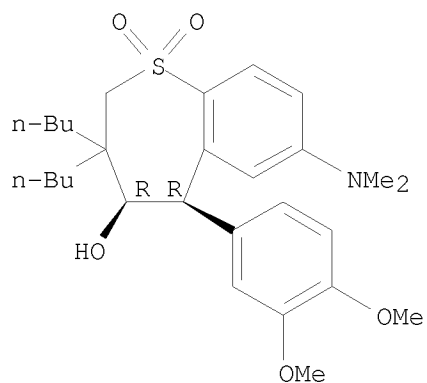
10/590,458



RN 197374-92-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-dimethoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

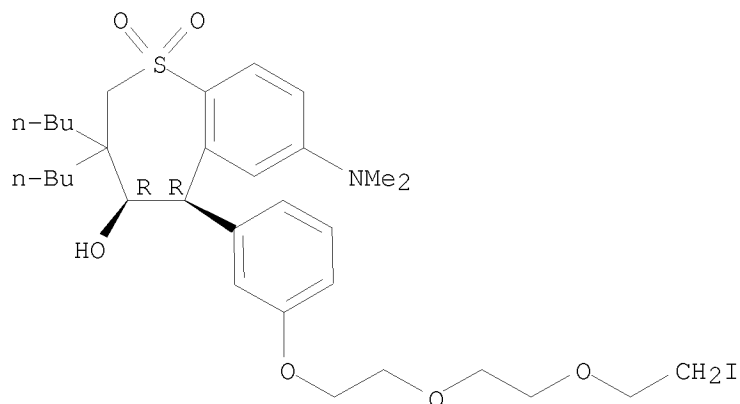


RN 197374-93-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

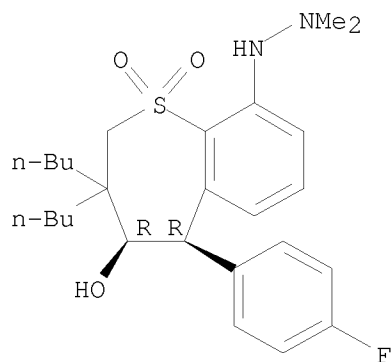
Relative stereochemistry.

10/590,458



RN 197374-94-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(2,2-dimethylhydrazinyl)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

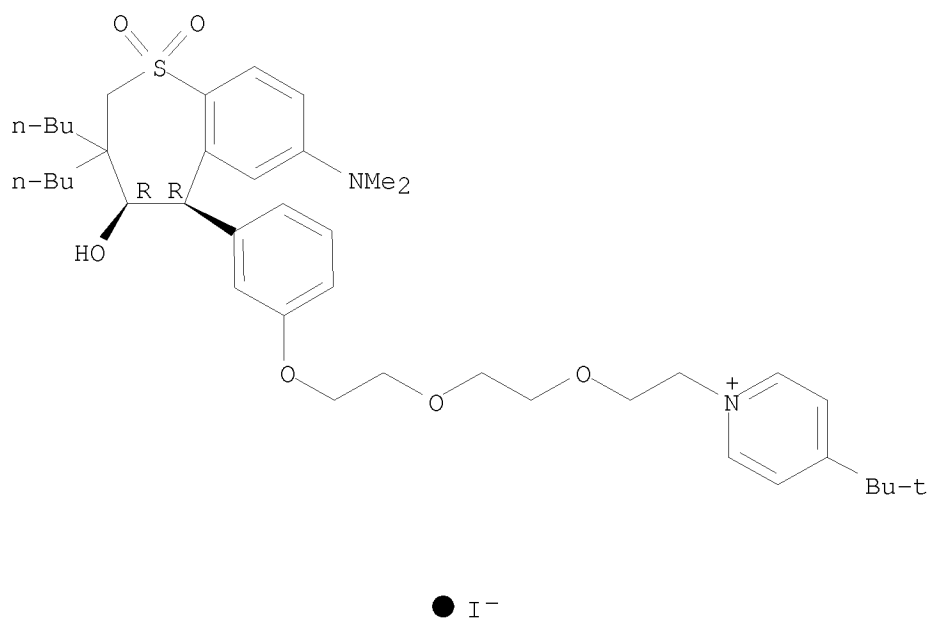
Relative stereochemistry.



RN 197374-95-1 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1,1-dimethylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

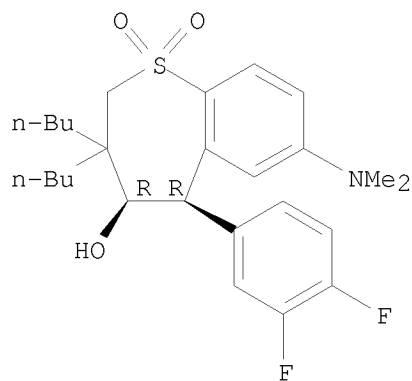
10/590,458



RN 197374-96-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,4-difluorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

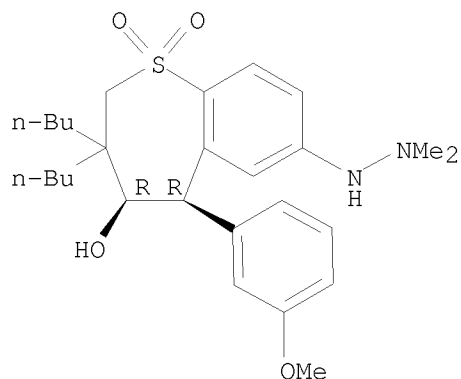


RN 197374-97-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(2,2-dimethylhydrazinyl)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

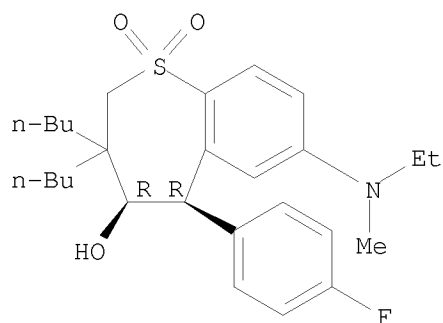
10/590,458



RN 197374-98-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

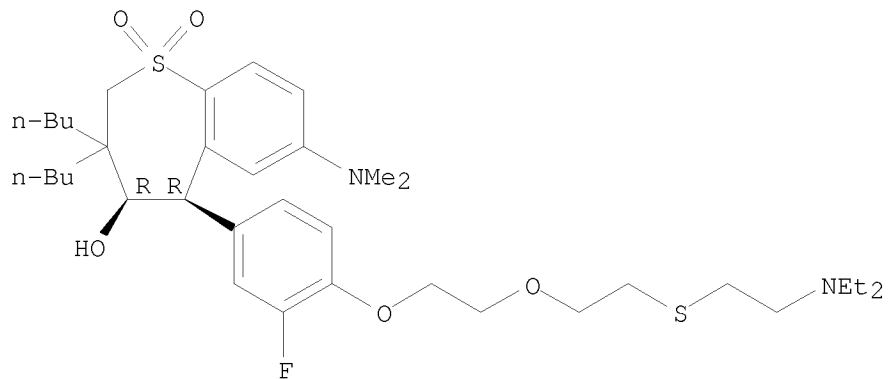
Relative stereochemistry.



RN 197374-99-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[[2-(diethylamino)ethyl]thio]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

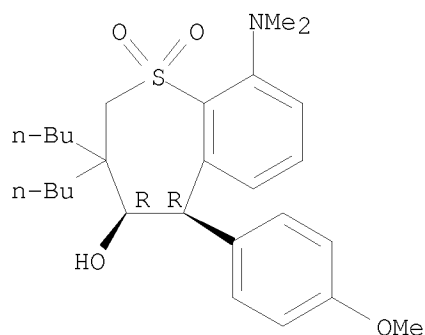


10/590,458

RN 197375-00-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

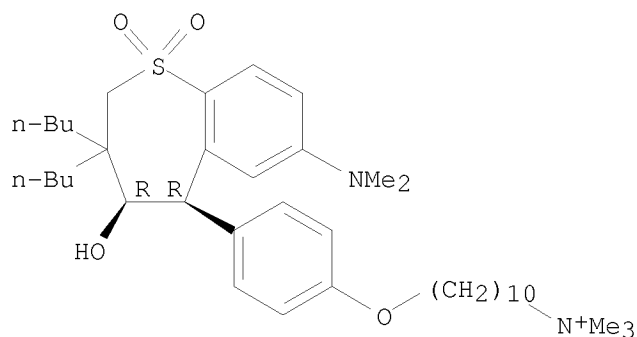
Relative stereochemistry.



RN 197375-01-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

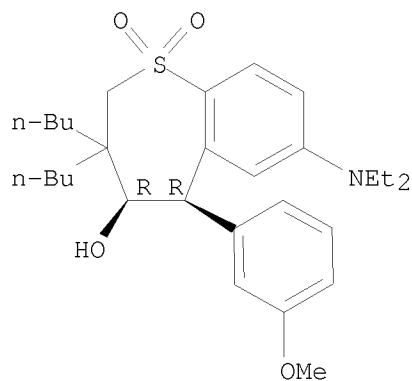


RN 197375-02-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

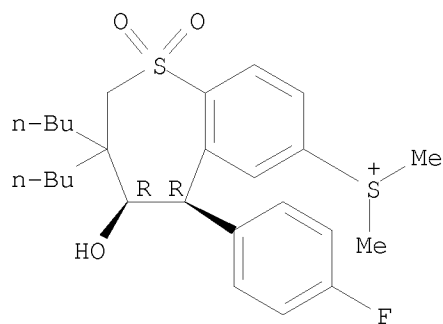
10/590,458



RN 197375-03-4 CAPLUS

CN Sulfonium, [(4R,5R)-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]dimethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



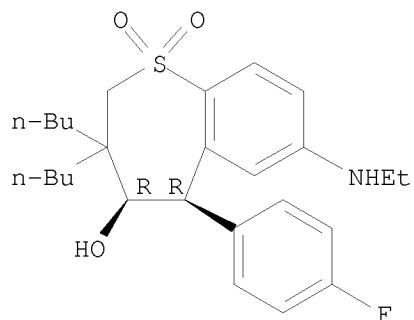
● F⁻

RN 197375-04-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

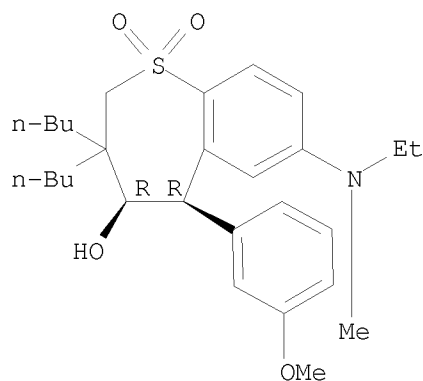
10/590,458



RN 197375-05-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylmethylanino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

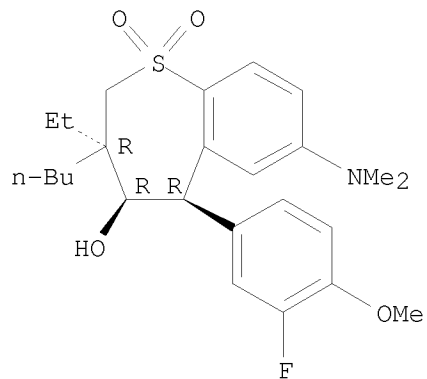
Relative stereochemistry.



RN 197375-06-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

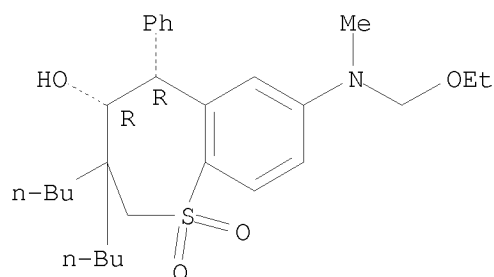


10/590,458

RN 197375-07-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(ethoxymethyl)methylamino]-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

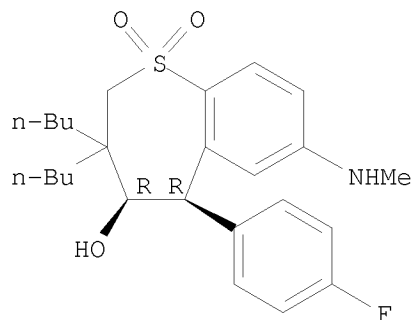
Relative stereochemistry.



RN 197375-08-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

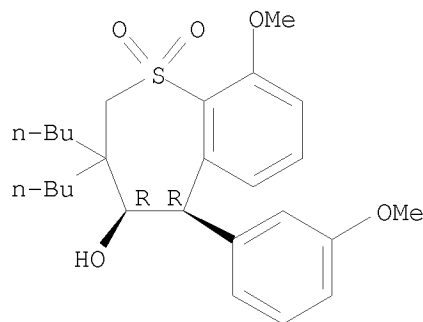
Relative stereochemistry.



RN 197375-09-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-9-methoxy-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

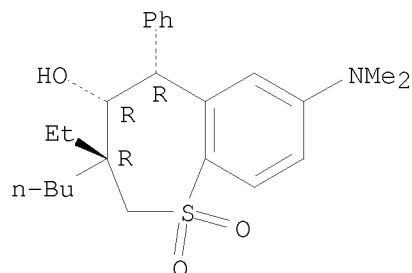


RN 197375-11-4 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

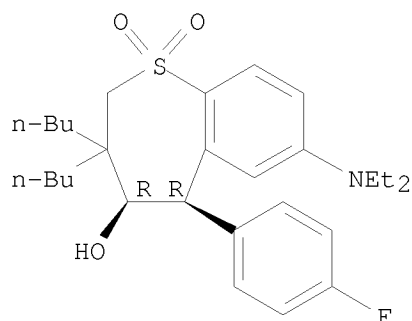
Relative stereochemistry.



RN 197375-12-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(diethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

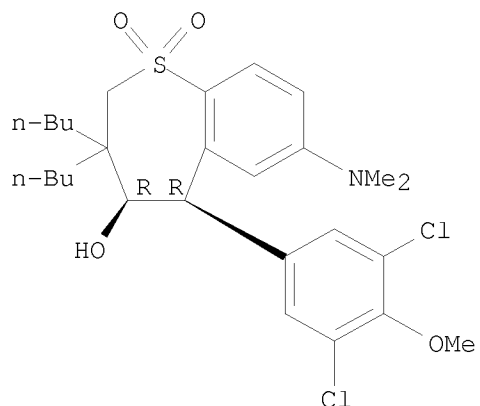


RN 197375-13-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichloro-4-methoxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

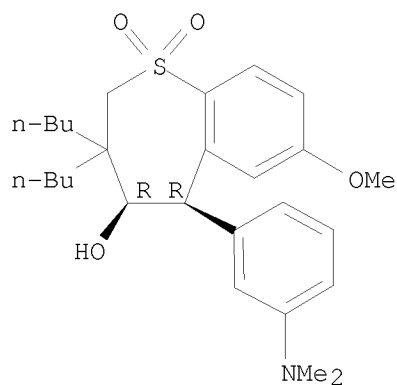
10/590,458



RN 197375-14-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

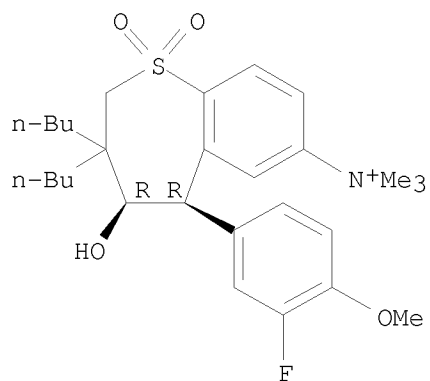


RN 197375-16-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

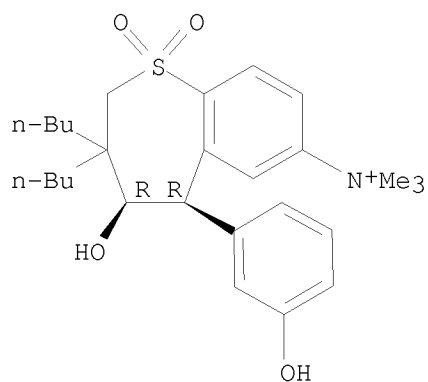
Relative stereochemistry.

10/590,458



RN 197375-17-0 CAPLUS
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

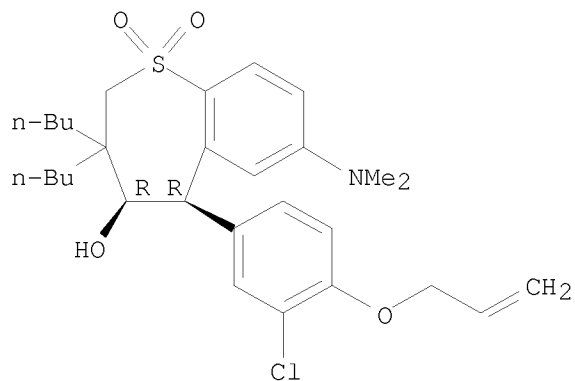
Relative stereochemistry.



RN 197375-20-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[3-chloro-4-(2-propen-1-yloxy)phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

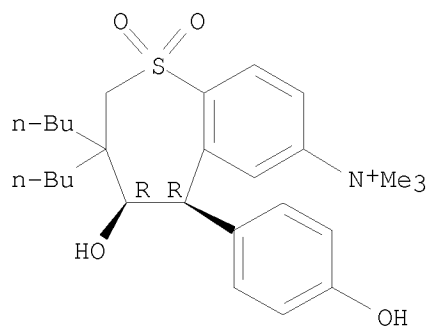
10/590,458



RN 197375-21-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-hydroxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

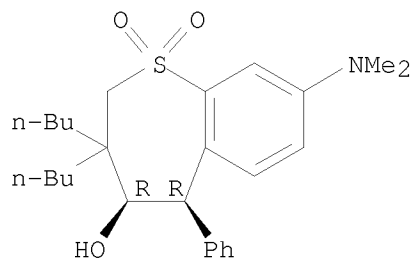
Relative stereochemistry.



RN 197375-22-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-8-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

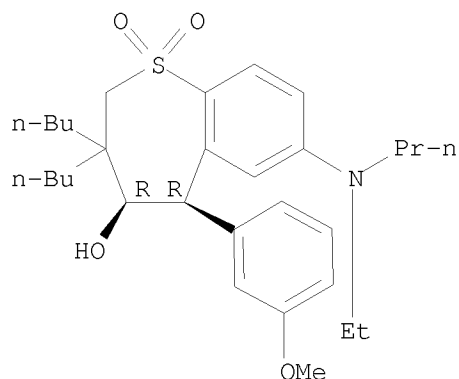


10/590,458

RN 197375-23-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

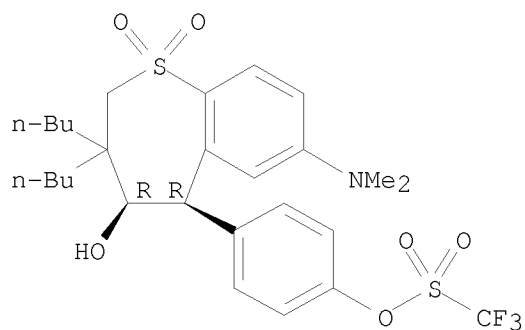
Relative stereochemistry.



RN 197375-24-9 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

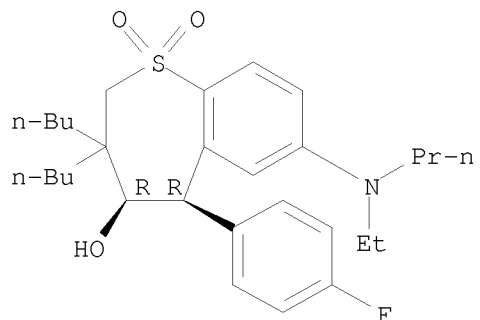


RN 197375-25-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylpropylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

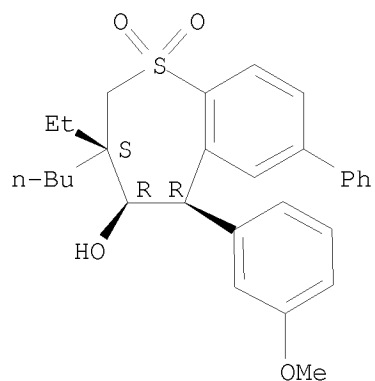
10/590,458



RN 197375-26-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

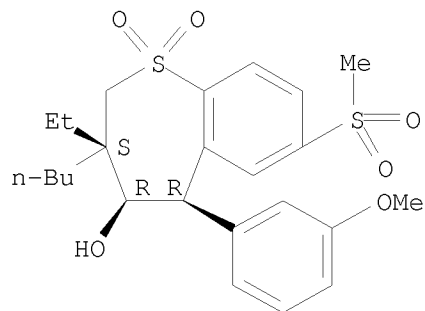
Relative stereochemistry.



RN 197375-28-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(methanesulfonyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



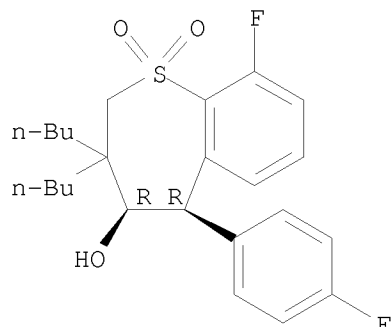
RN 197375-30-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

10/590,458

tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

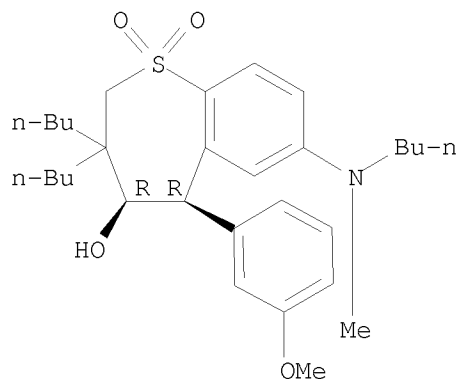
Relative stereochemistry.



RN 197375-32-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

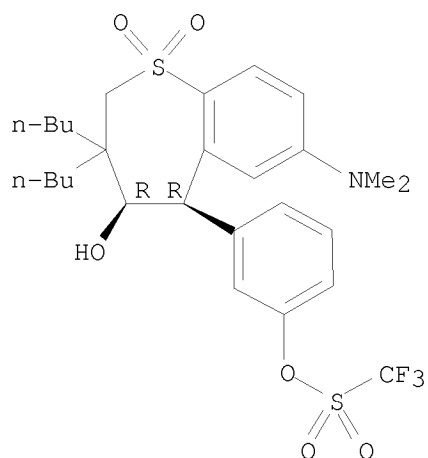


RN 197375-34-1 CAPLUS

CN Methanesulfonic acid, 1,1,1-trifluoro-, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

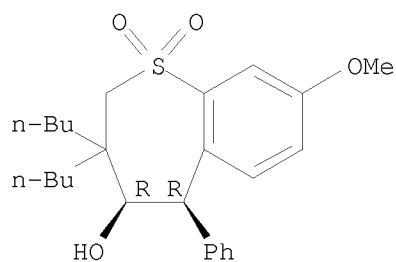
10/590,458



RN 197375-36-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

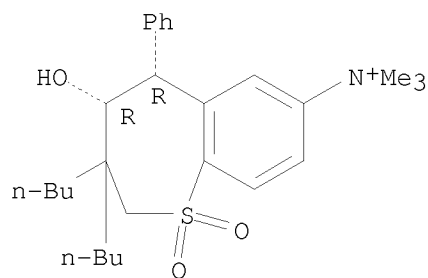


RN 197375-39-6 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-
trimethyl-5-phenyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX
NAME)

Relative stereochemistry.

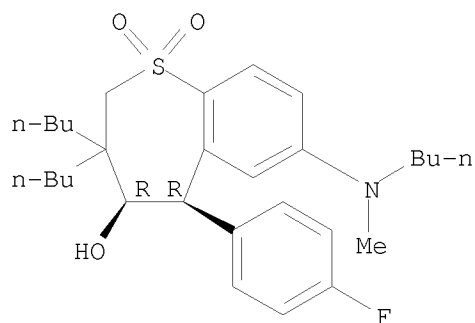
10/590,458



RN 197375-42-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(butylmethylamino)-5-(4-fluorophenyl)-
2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

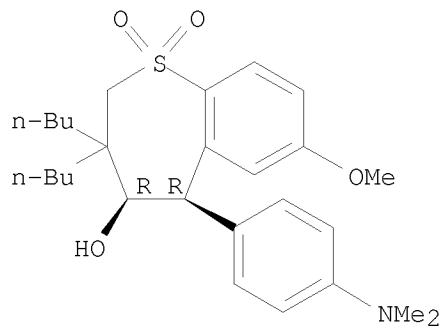
Relative stereochemistry.



RN 197375-44-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-
tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

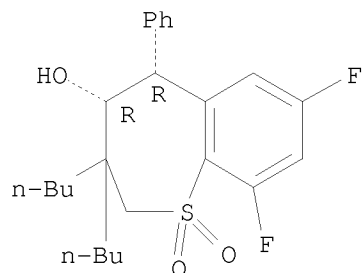
Relative stereochemistry.



RN 197375-52-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7,9-difluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT	197375-57-8P	197375-60-3P	197375-63-6P
	197375-66-9P	197375-68-1P	197375-70-5P
	197375-72-7P	197375-74-9P	197375-75-0P
	197375-76-1P	197375-82-9P	197375-86-3P
	197375-89-6P	197375-91-0P	197375-93-2P
	197375-94-3P	197375-96-5P	197375-98-7P
	197376-00-4P	197376-02-6P	197376-04-8P
	197376-07-1P	197376-08-2P	197376-09-3P
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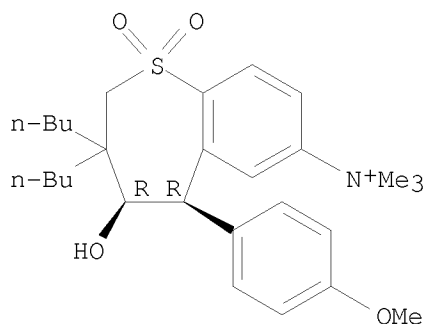
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197377-73-4P	197377-74-5P	197377-75-6P
197377-76-7P	197377-77-8P	197377-78-9P
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197377-98-3P	197384-36-4P	197384-39-7P
197390-49-1P	197390-68-4P	213386-72-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzothiepinines as antihyperlipidemics)

RN 197375-57-8 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

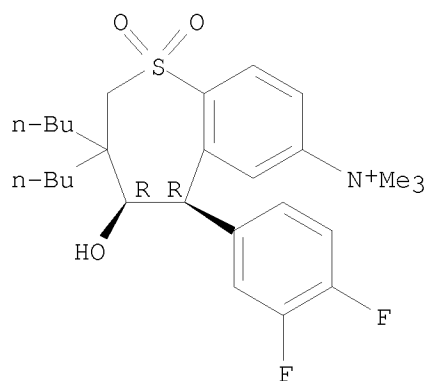


RN 197375-60-3 CAPLUS

CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3,4-difluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

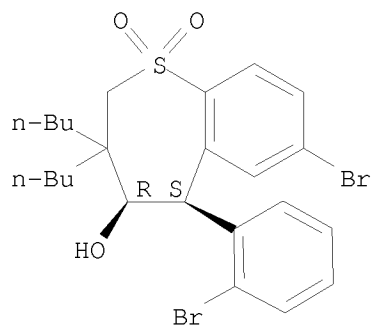
10/590,458



RN 197375-63-6 CAPLUS

CN 1-Benzothiepin-4-ol, 7-bromo-5-(2-bromophenyl)-3,3-dibutyl-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

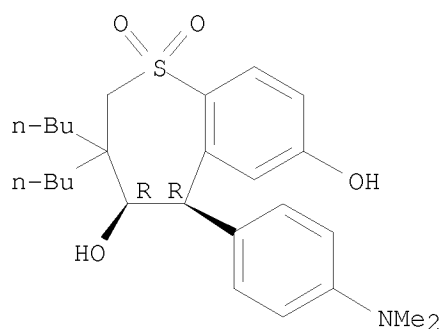


RN 197375-66-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[4-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

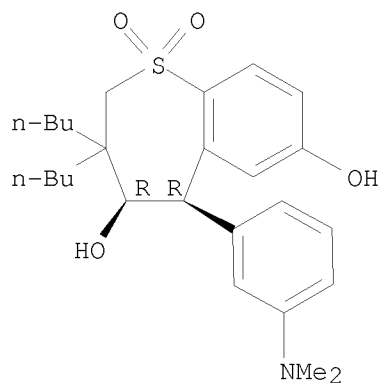
10/590,458



RN 197375-68-1 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3,3-dibutyl-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

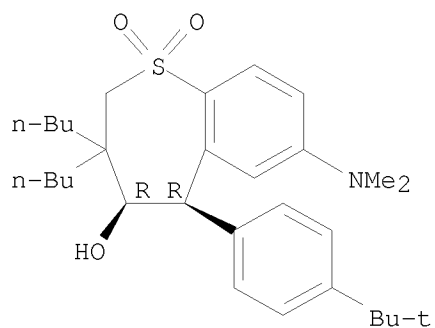
Relative stereochemistry.



RN 197375-70-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-(1,1-dimethylethyl)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



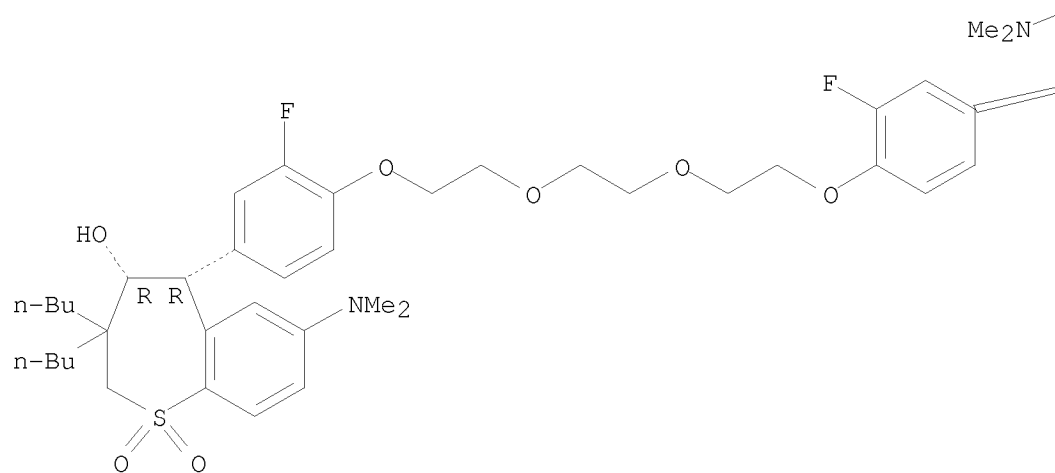
RN 197375-72-7 CAPLUS

10/590,458

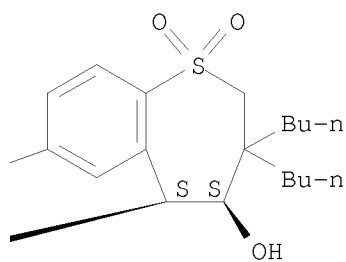
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis[oxy-2,1-ethanediyl]oxy(3-fluoro-4,1-phenylene)]]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 1-B

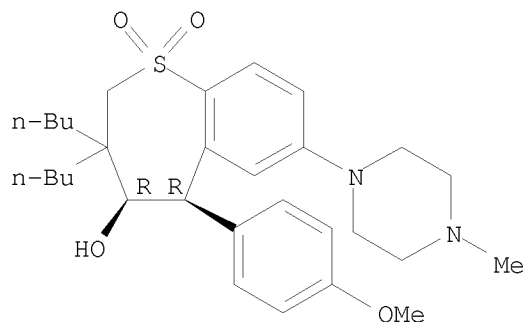


RN 197375-74-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-7-(4-methyl-1-piperazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

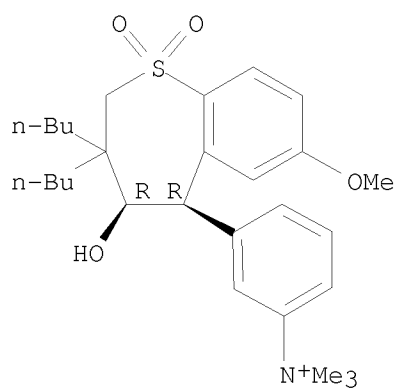
10/590,458



RN 197375-75-0 CAPLUS

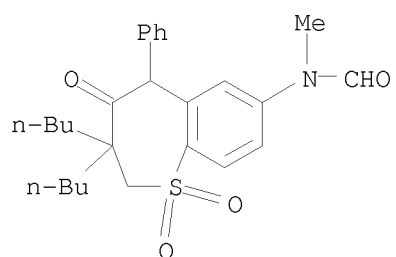
CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197375-76-1 CAPLUS

CN Formamide, N-(3,3-dibutyl-2,3,4,5-tetrahydro-1,1-dioxido-4-oxo-5-phenyl-1-benzothiepin-7-yl)-N-methyl- (CA INDEX NAME)

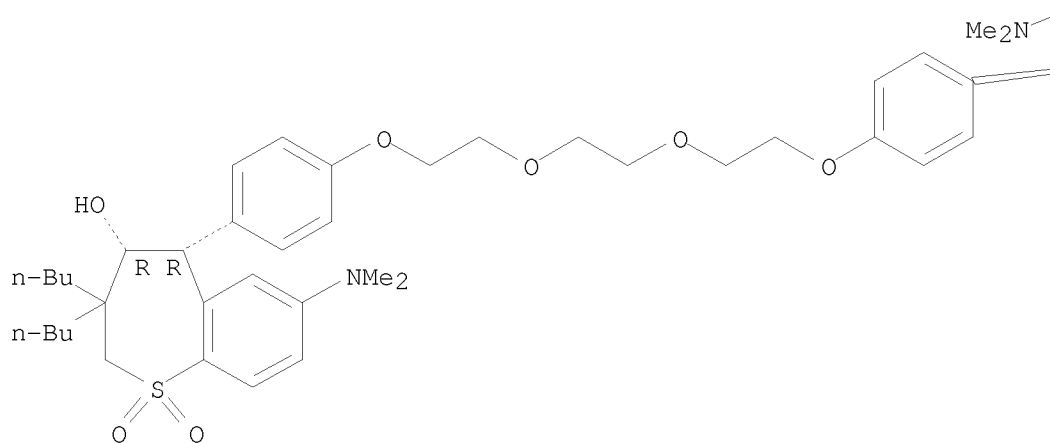


10/590,458

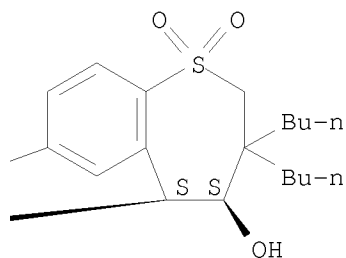
RN 197375-82-9 CAPLUS
CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl-4,1-phenylene)]bis[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (4R,4'S,5R,5'S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



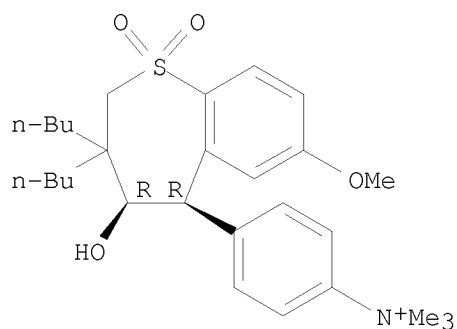
PAGE 1-B



RN 197375-86-3 CAPLUS
CN Benzenaminium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

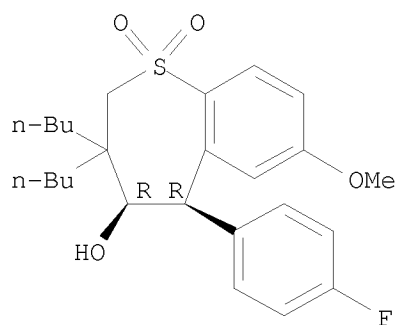
Relative stereochemistry.

10/590,458



RN 197375-89-6 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

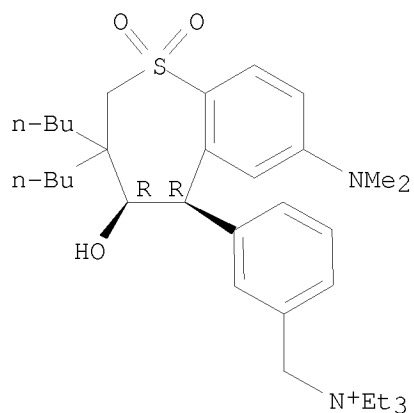
Relative stereochemistry.



RN 197375-91-0 CAPLUS
CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

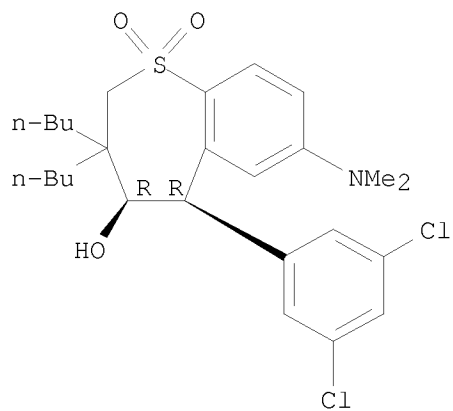
10/590,458



RN 197375-93-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3,5-dichlorophenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

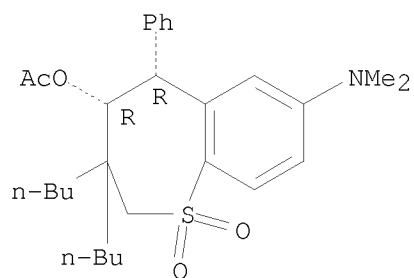


RN 197375-94-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

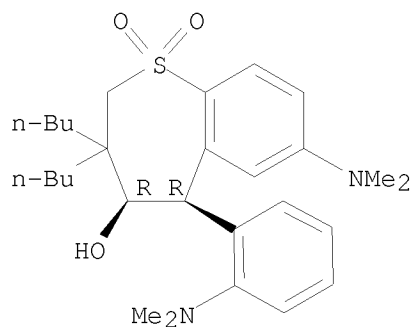
10/590,458



RN 197375-96-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[2-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

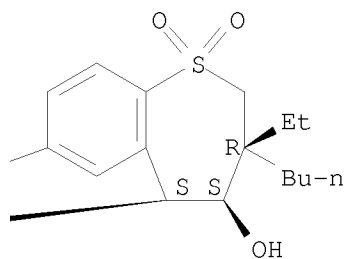
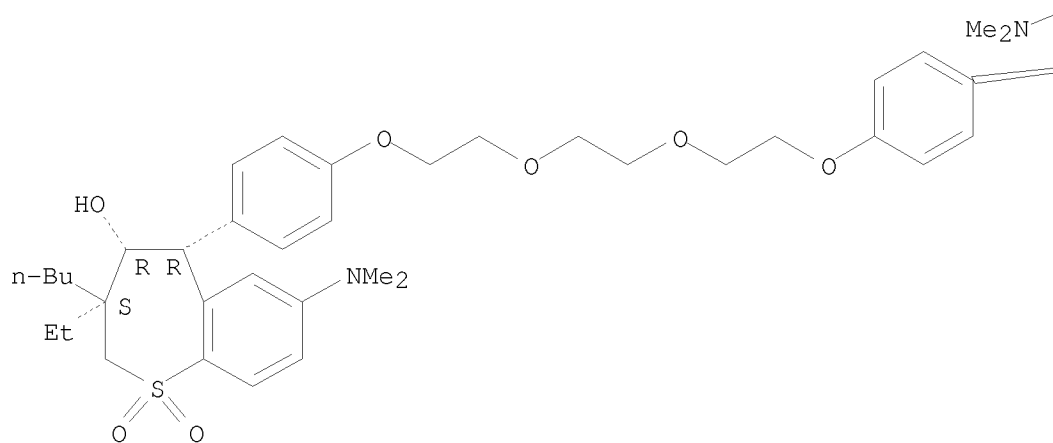
Relative stereochemistry.



RN 197375-98-7 CAPLUS

CN 1-Benzothiepin-4-ol, 5,5'-[1,2-ethanediylbis(oxy-2,1-ethanediyl)oxy-4,1-phenylene]bis[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-, 1,1,1',1'-tetraoxide, (3R,3'S,4S,4'R,5S,5'R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

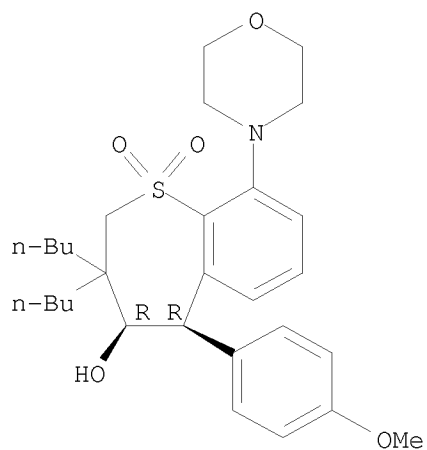


RN 197376-00-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

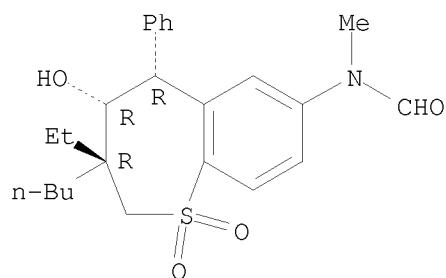
10/590,458



RN 197376-02-6 CAPLUS

CN Formamide, N-[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-7-yl]-N-methyl-, rel- (CA INDEX NAME)

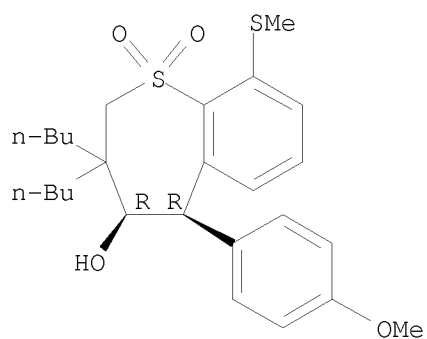
Relative stereochemistry.



RN 197376-04-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(methylthio)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

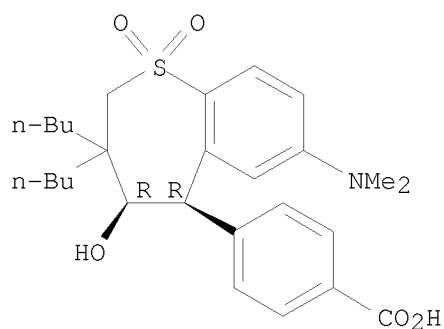


10/590,458

RN 197376-07-1 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, rel- (CA INDEX NAME)

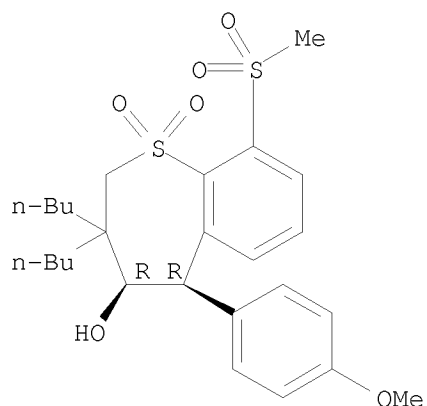
Relative stereochemistry.



RN 197376-08-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(methylsulfonyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

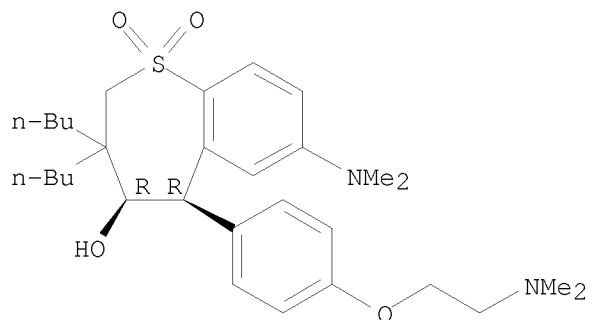


RN 197376-09-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-(dimethylamino)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

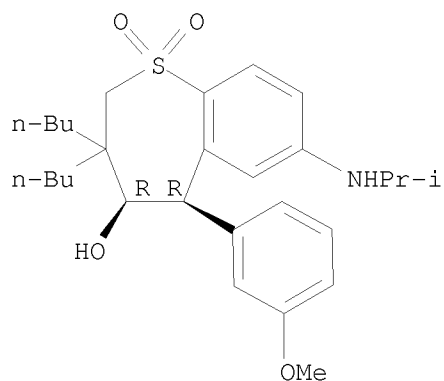
10/590,458



RN 197376-10-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

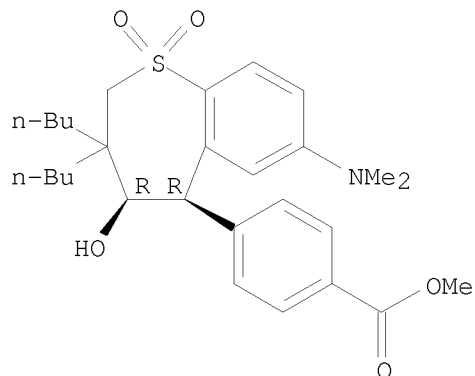
Relative stereochemistry.



RN 197376-11-7 CAPLUS

CN Benzoic acid, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

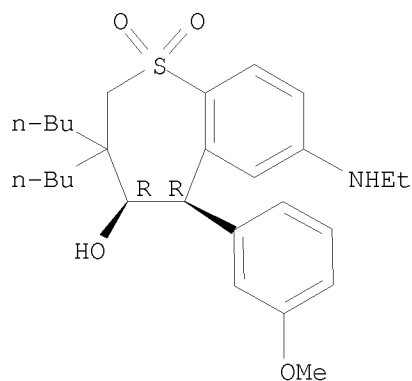


10/590,458

RN 197376-12-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(ethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

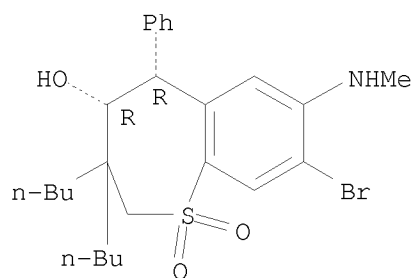
Relative stereochemistry.



RN 197376-13-9 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-2,3,4,5-tetrahydro-7-(methylamino)-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

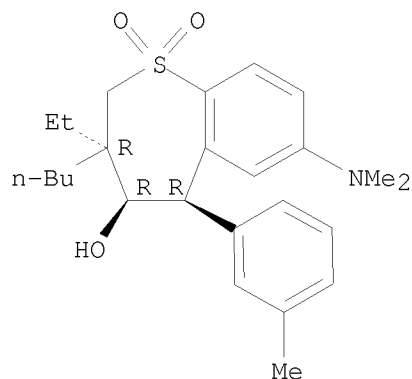


RN 197376-14-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-methylphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

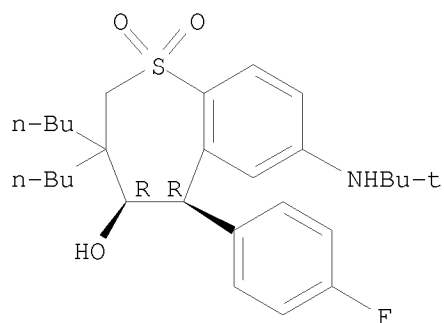
10/590,458



RN 197376-15-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

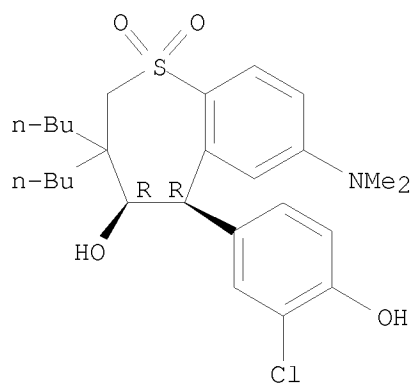
Relative stereochemistry.



RN 197376-17-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(3-chloro-4-hydroxyphenyl)-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

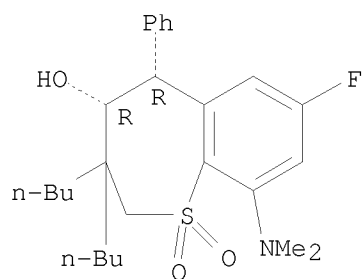


10/590,458

RN 197376-18-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(dimethylamino)-7-fluoro-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

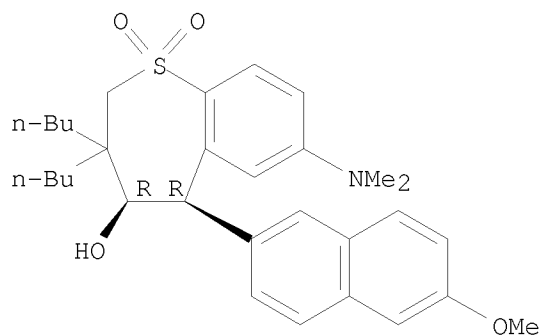
Relative stereochemistry.



RN 197376-19-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-methoxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

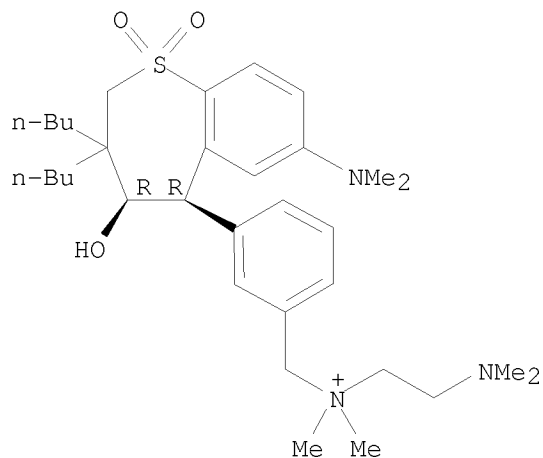


RN 197376-21-9 CAPLUS

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

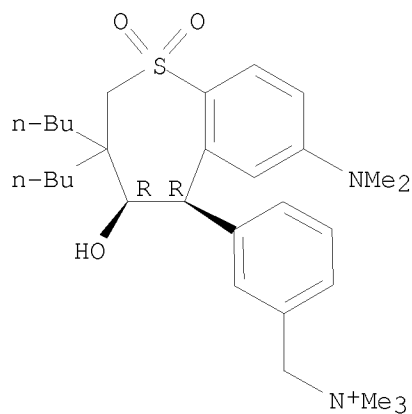
10/590,458



● Br⁻

RN 197376-22-0 CAPLUS
CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, bromide, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

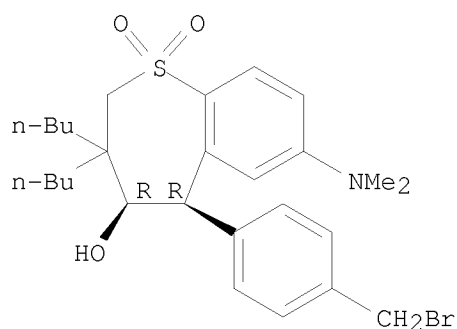


● Br⁻

RN 197376-25-3 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-(bromomethyl)phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

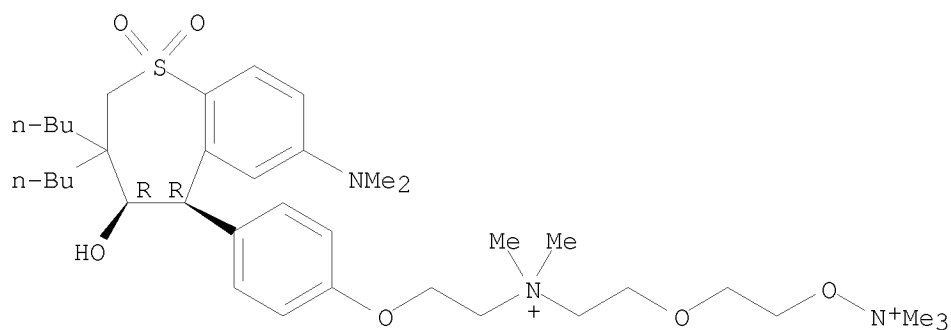
10/590,458



RN 197376-27-5 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N-dimethyl-N-[2-[2-[(trimethylammonio)ethoxy]ethyl]-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



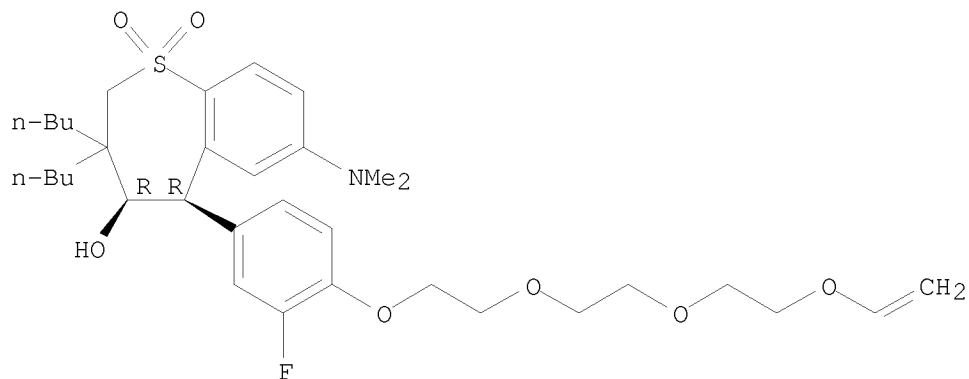
● 2 I⁻

RN 197376-29-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[4-[2-[2-[2-(ethenyloxy)ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

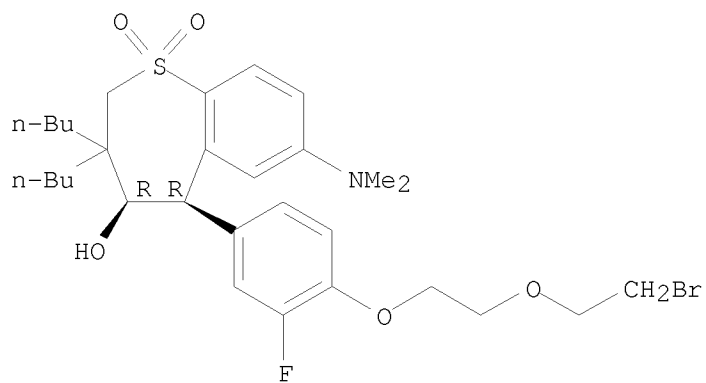
10/590,458



RN 197376-31-1 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[2-(2-bromoethoxy)ethoxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

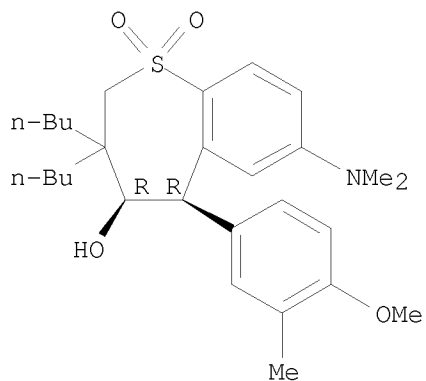


RN 197376-32-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(4-methoxy-3-methylphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

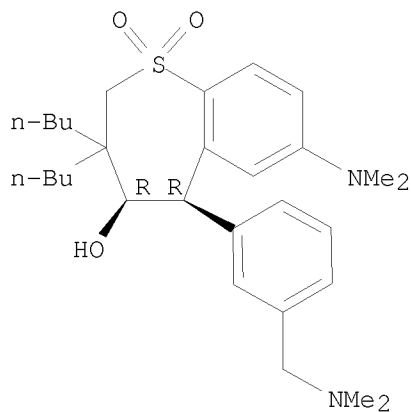
10/590,458



RN 197376-34-4 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-
[(dimethylamino)methyl]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

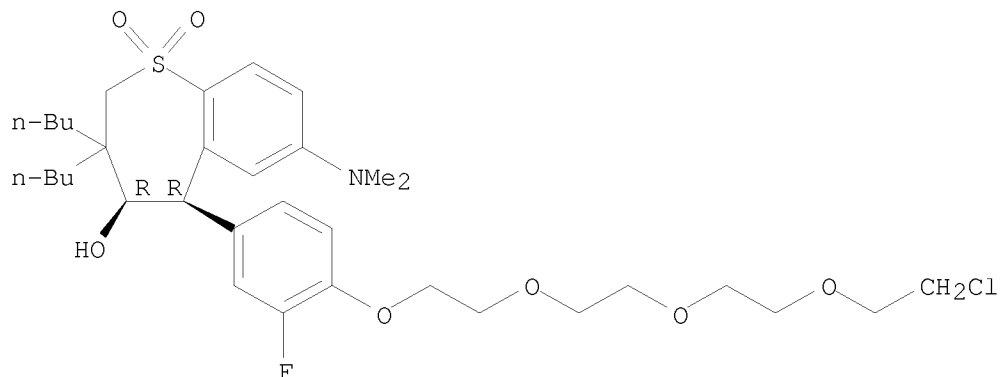


RN 197376-36-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[2-(2-chloroethoxy)ethoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

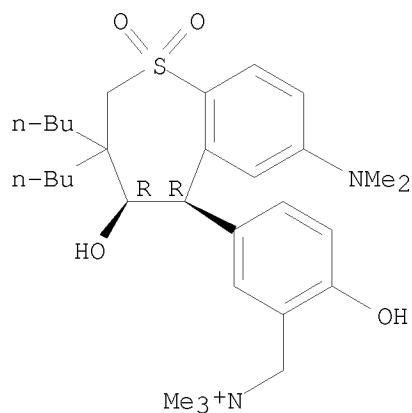
10/590,458



RN 197376-38-8 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-hydroxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



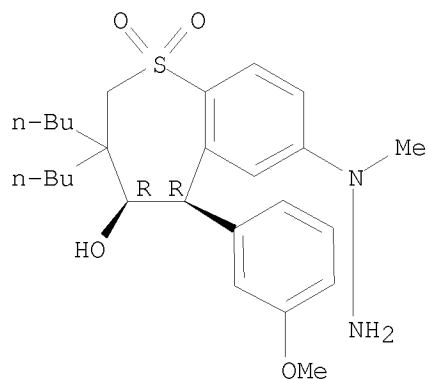
● I⁻

RN 197376-40-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-7-(1-methylhydrazinyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

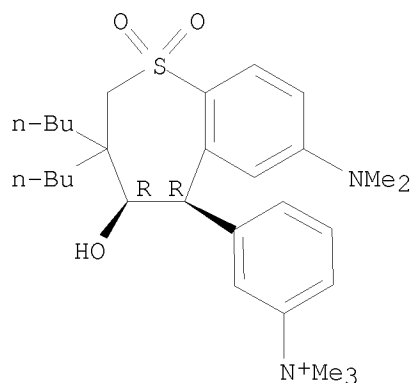
10/590,458



RN 197376-42-4 CAPLUS

CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



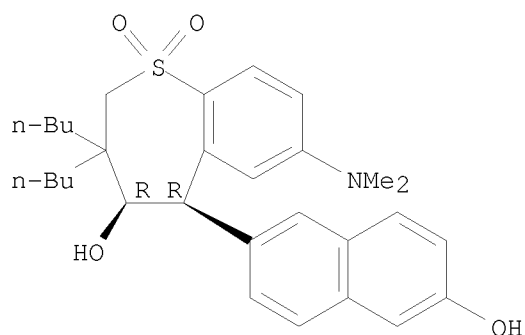
● I⁻

RN 197376-46-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(6-hydroxy-2-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

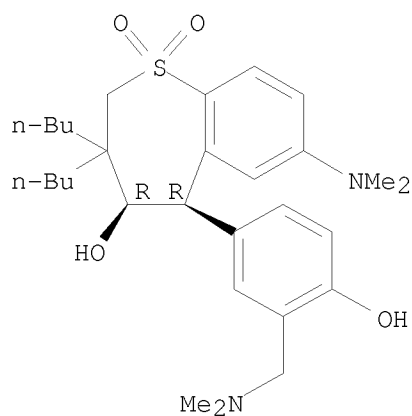
10/590,458



RN 197376-49-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-
[(dimethylamino)methyl]-4-hydroxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide,
(4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197376-52-6 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(2-hydroxyethyl)-
N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

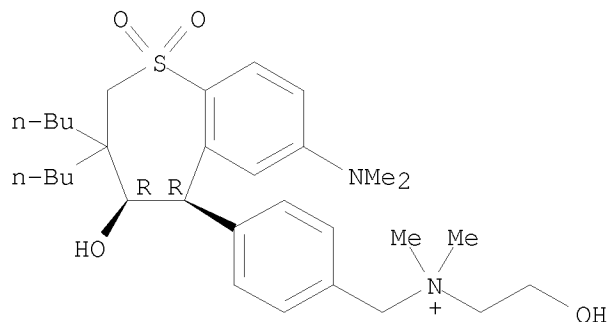
CM 1

CRN 197376-51-5

CMF C31 H49 N2 O4 S

Relative stereochemistry.

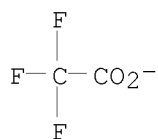
10/590,458



CM 2

CRN 14477-72-6

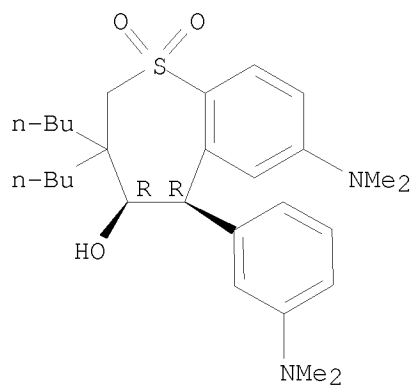
CMF C2 F3 O2



RN 197376-55-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-(dimethylamino)phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

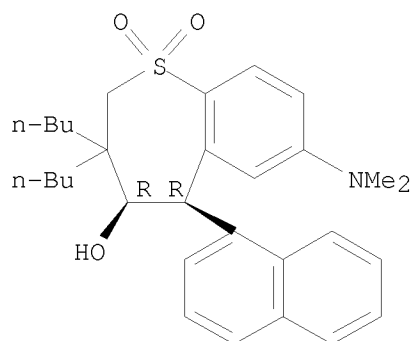


RN 197376-58-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(1-naphthalenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

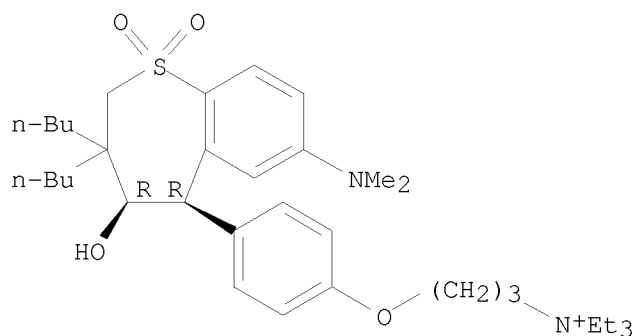
10/590,458



RN 197376-61-7 CAPLUS

CN 1-Propanaminium, 3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

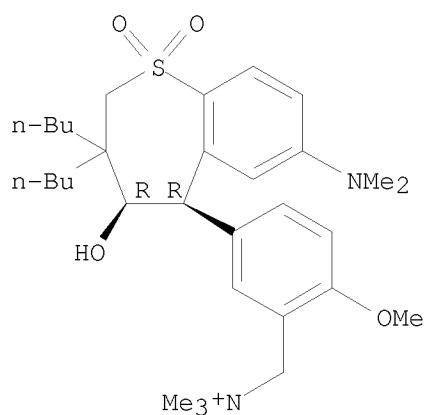


RN 197376-64-0 CAPLUS

CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-methoxy-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

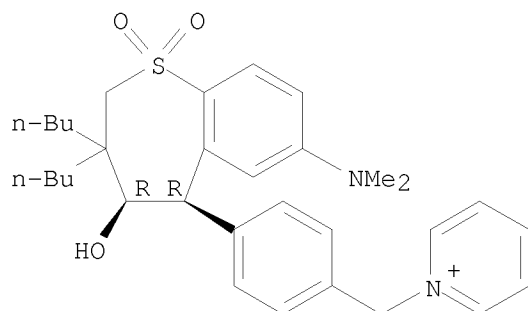
Relative stereochemistry.

10/590,458



RN 197376-67-3 CAPLUS
CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, bromide (1:1), rel- (CA INDEX NAME)

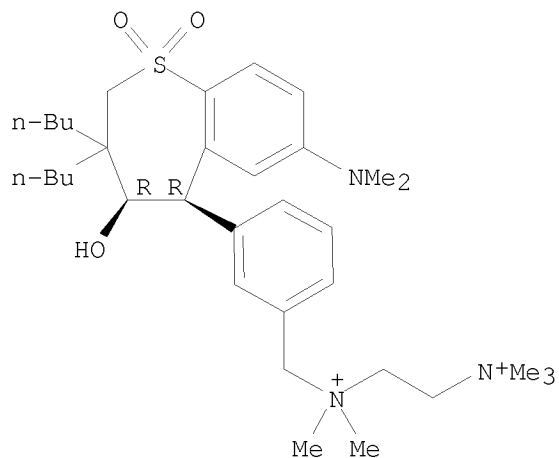
Relative stereochemistry.



RN 197376-69-5 CAPLUS
CN 1,2-Ethanediaminium, N1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-N1,N1,N2,N2,N2-pentamethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

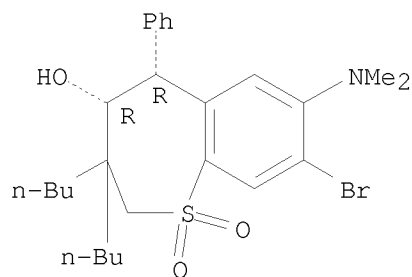


● 2 I⁻

RN 197376-73-1 CAPLUS

CN 1-Benzothiepin-4-ol, 8-bromo-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

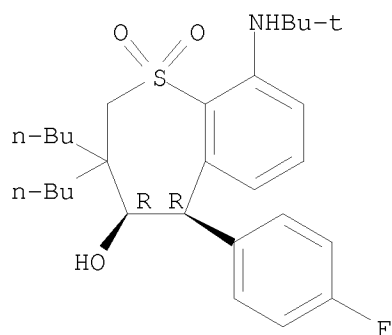


RN 197376-74-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-[(1,1-dimethylethyl)amino]-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

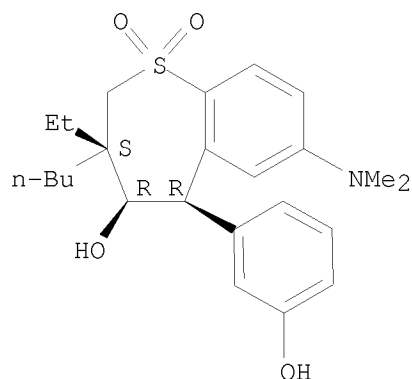
10/590,458



RN 197376-75-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

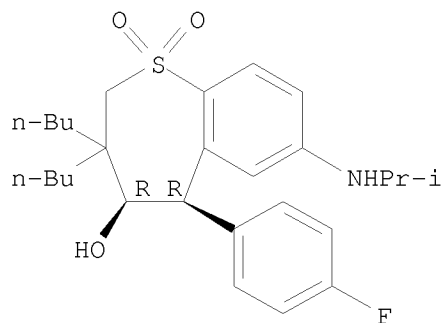
Relative stereochemistry.



RN 197376-78-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



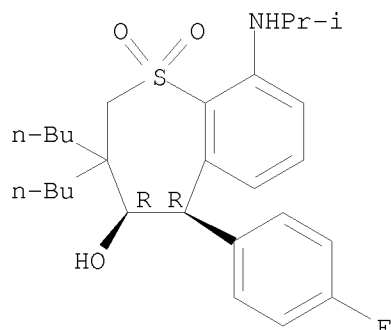
RN 197376-79-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

10/590,458

[(1-methylethyl)amino]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

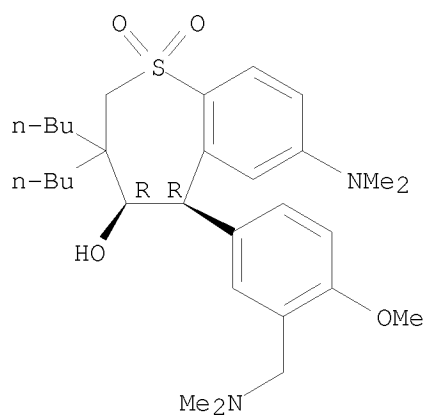
Relative stereochemistry.



RN 197376-80-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-[(dimethylamino)methyl]-4-methoxyphenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

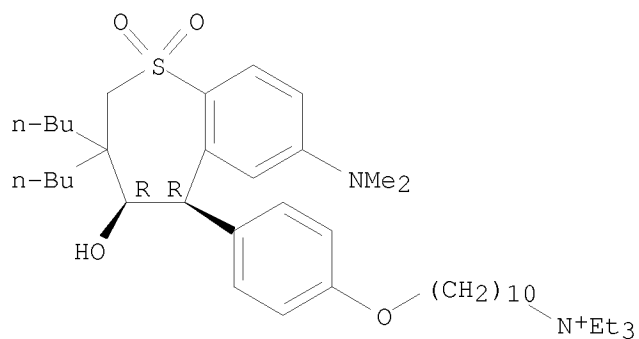


RN 197376-82-2 CAPLUS

CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

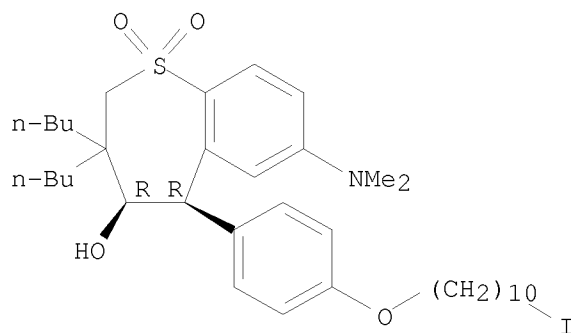
Relative stereochemistry.

10/590,458



RN 197376-83-3 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-
[(10-iododecyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

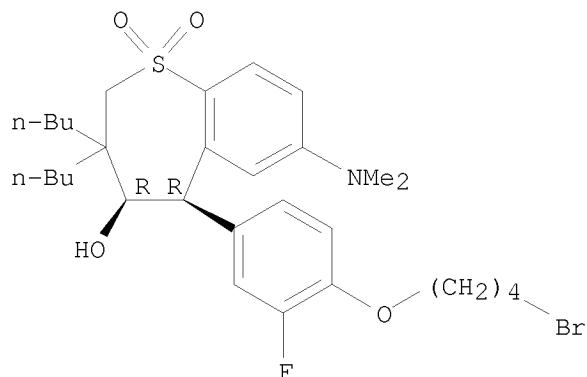
Relative stereochemistry.



RN 197376-84-4 CAPLUS
CN 1-Benzothiepin-4-ol, 5-[4-(4-bromobutoxy)-3-fluorophenyl]-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX
NAME)

Relative stereochemistry.

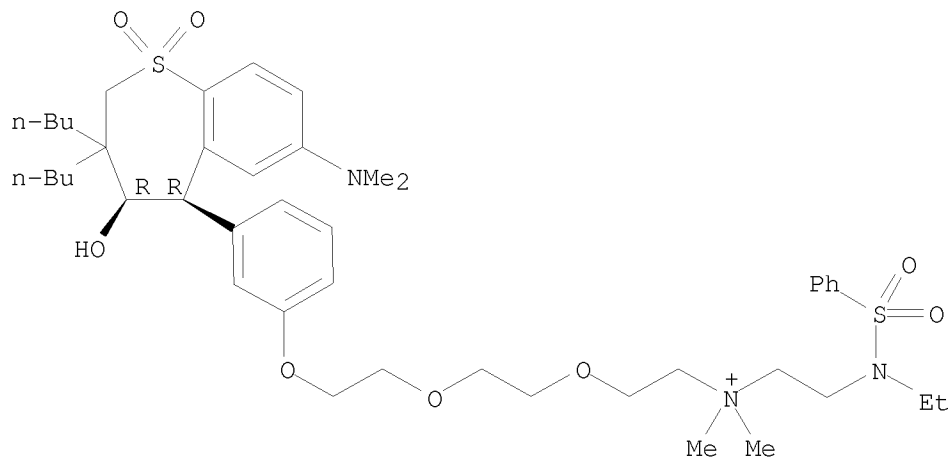
10/590,458



RN 197376-85-5 CAPLUS

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(phenylsulfonyl)amino]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



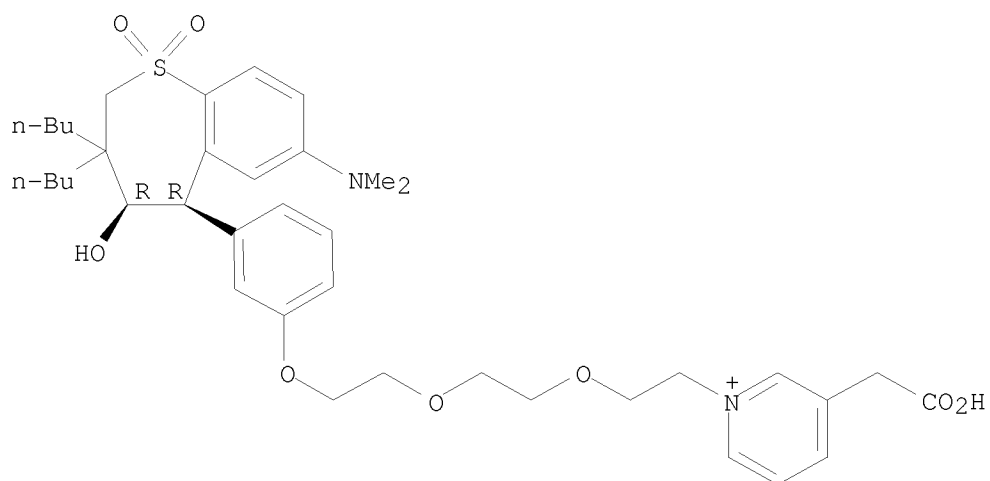
● I⁻

RN 197376-86-6 CAPLUS

CN Pyridinium, 3-(carboxymethyl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

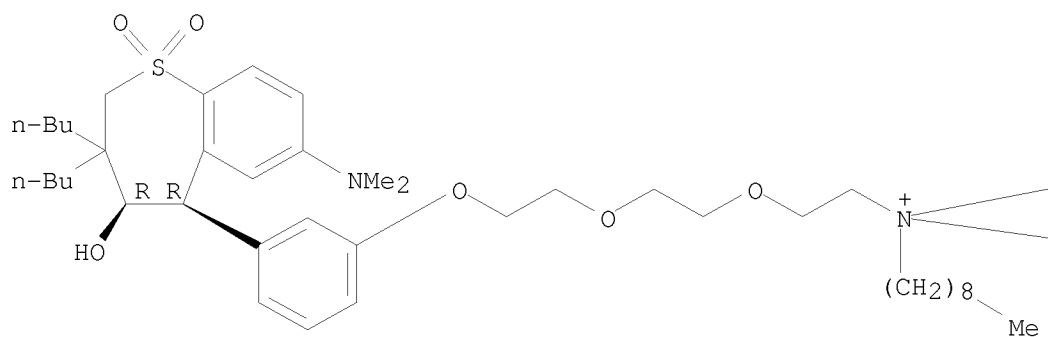
10/590,458

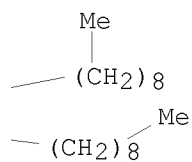


RN 197376-88-8 CAPLUS
 CN 1-Nonanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-dinonyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

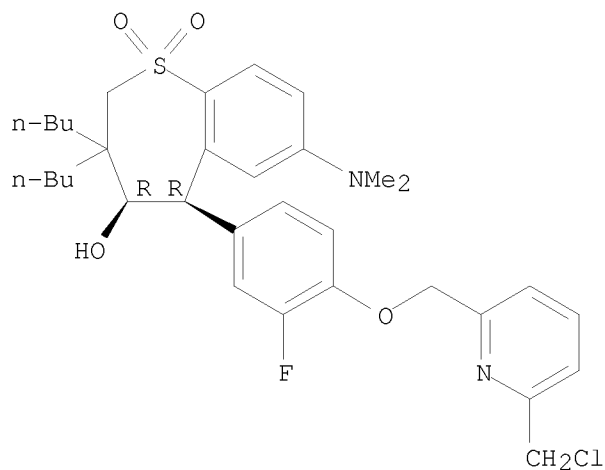
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RN 197376-89-9 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[[6-(chloromethyl)-2-pyridinyl]methoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

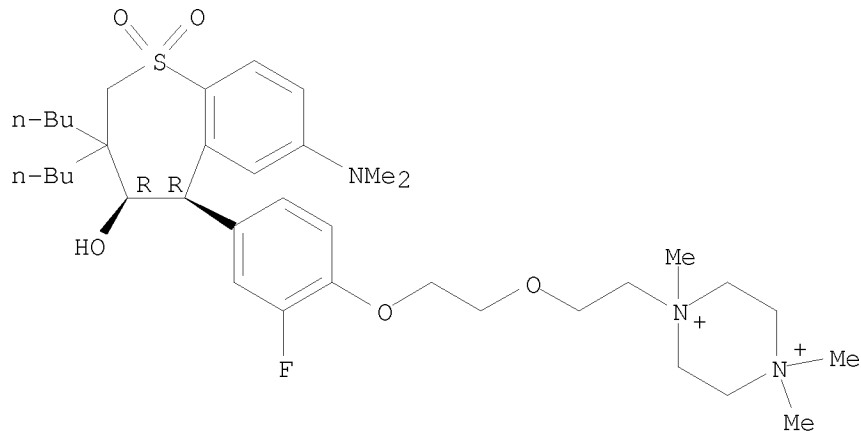
Relative stereochemistry.



RN 197376-90-2 CAPLUS
 CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

10/590,458

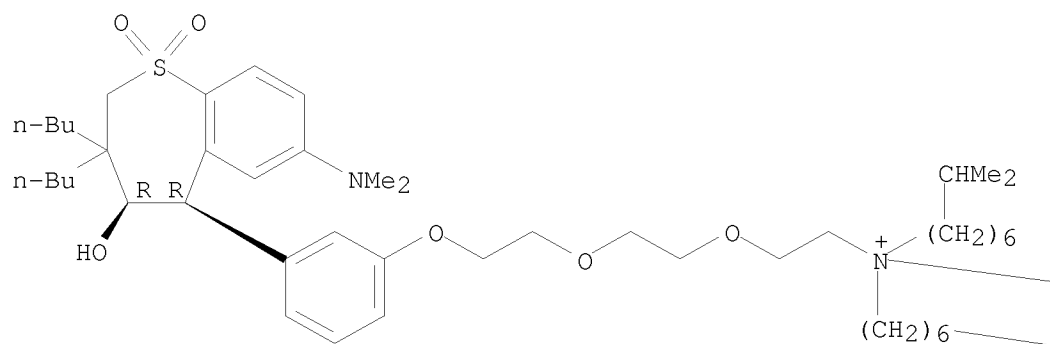


● 2 I⁻

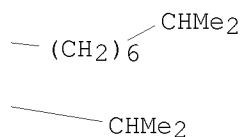
RN 197376-92-4 CAPLUS
 CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-7-methyl-N,N-bis(7-methyloctyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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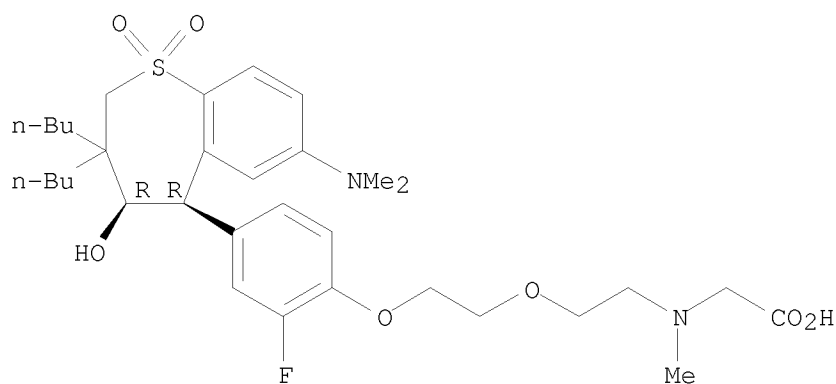


● I⁻



RN 197376-94-6 CAPLUS
 CN Glycine, N-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-N-methyl-, rel- (CA INDEX NAME)

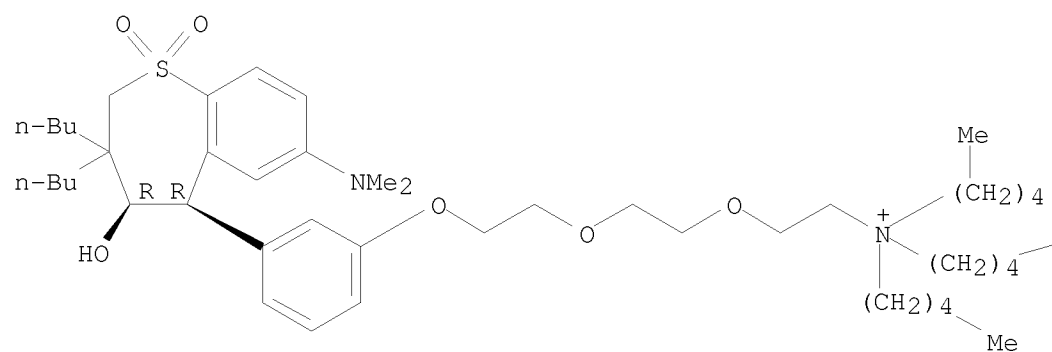
Relative stereochemistry.



RN 197376-95-7 CAPLUS
 CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dipentyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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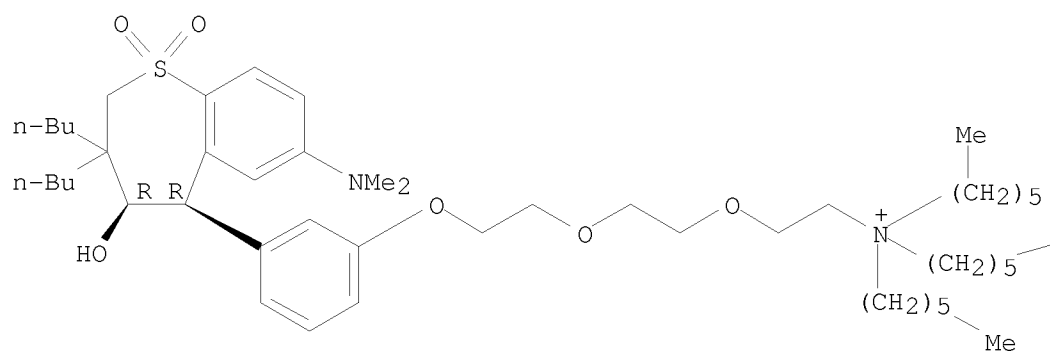
— Me

RN 197376-97-9 CAPLUS

CN 1-Hexanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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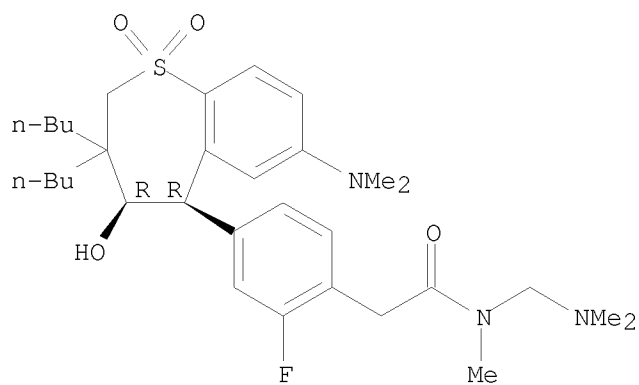


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Me

RN 197376-99-1 CAPLUS
 CN Benzeneacetamide, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[(dimethylamino)methyl]-2-fluoro-N-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

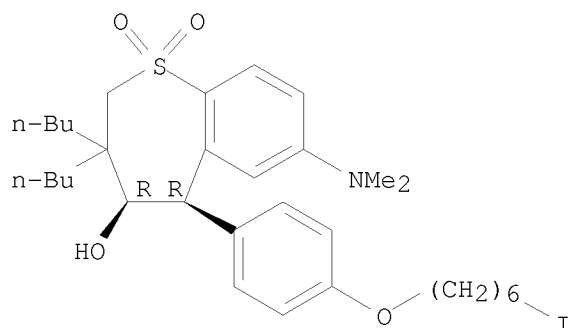


10/590,458

RN 197377-00-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-[(6-iodohexyl)oxy]phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

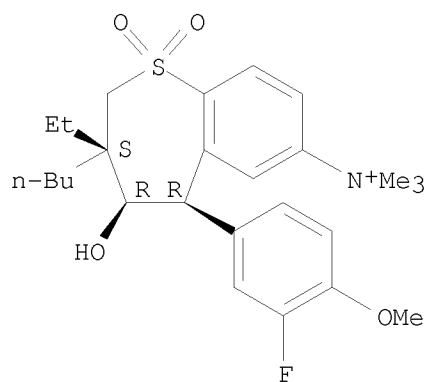
Relative stereochemistry.



RN 197377-02-9 CAPLUS

CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, iodide, 1,1-dioxide, (3R,4S,5S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

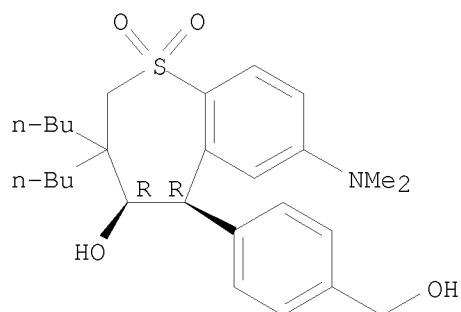


RN 197377-03-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-[4-(hydroxymethyl)phenyl]-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

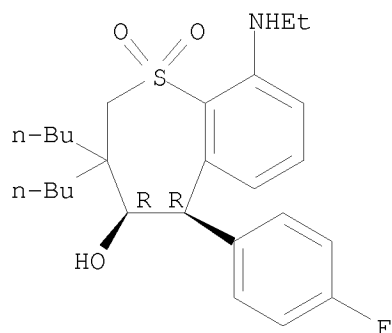
10/590,458



RN 197377-05-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-(ethylamino)-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-09-6 CAPLUS

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

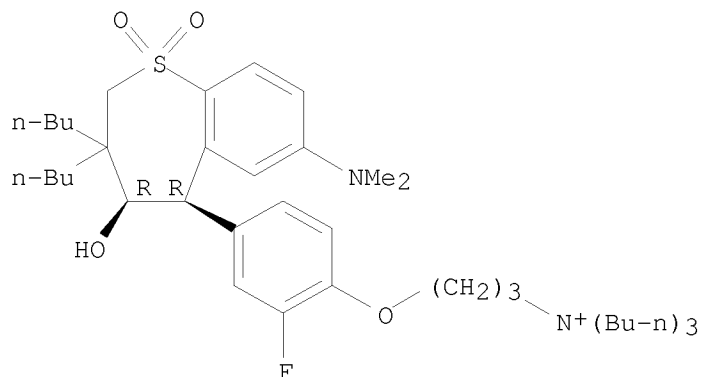
CM 1

CRN 197377-08-5

CMF C41 H68 F N2 O4 S

Relative stereochemistry.

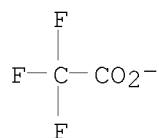
10/590,458



CM 2

CRN 14477-72-6

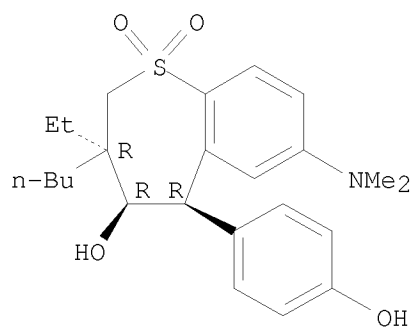
CMF C2 F3 O2



RN 197377-10-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-5-(4-hydroxyphenyl)-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

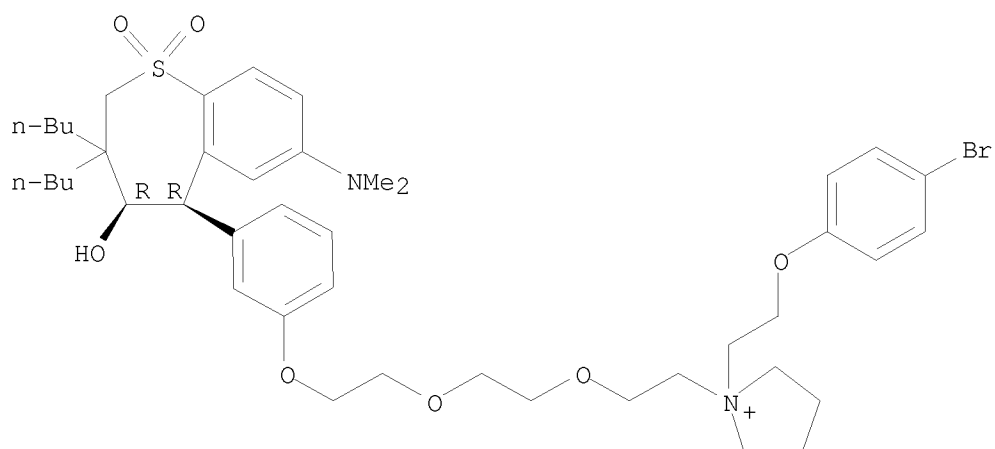


RN 197377-11-0 CAPLUS

CN Pyrrolidinium, 1-[2-(4-bromophenoxy)ethyl]-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

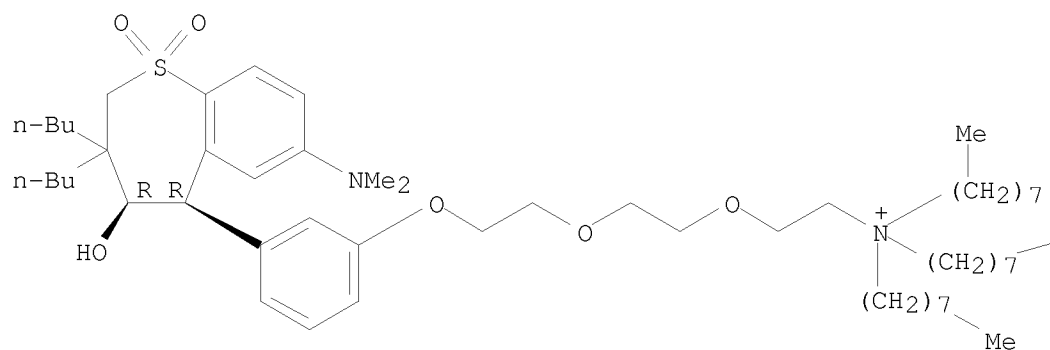
10/590,458



RN 197377-12-1 CAPLUS
 CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dioctyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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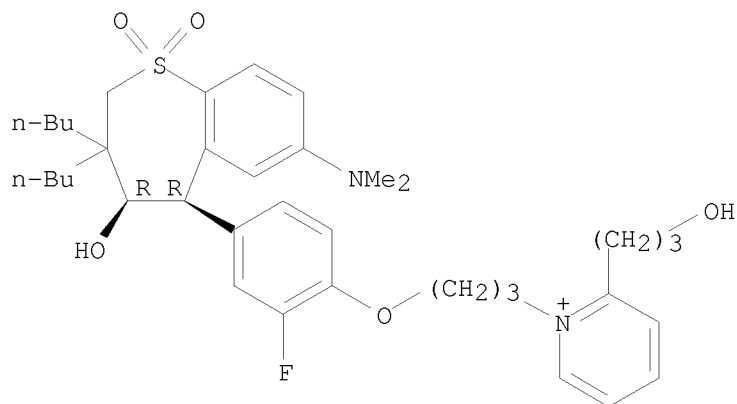
—Me

RN 197377-14-3 CAPLUS
 CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-2-(3-hydroxypropyl)-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

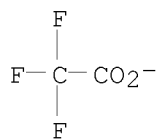
CRN 197377-13-2
 CMF C37 H52 F N2 O5 S

Relative stereochemistry.



CM 2

CRN 14477-72-6
 CMF C2 F3 O2



RN 197377-16-5 CAPLUS

10/590,458

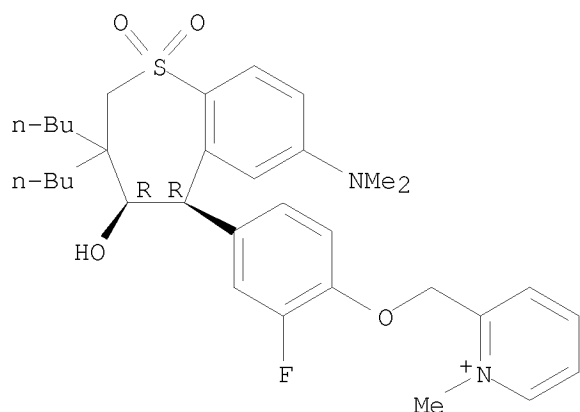
CN Pyridinium, 2-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-15-4

CMF C33 H44 F N2 O4 S

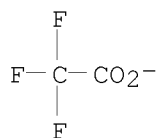
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

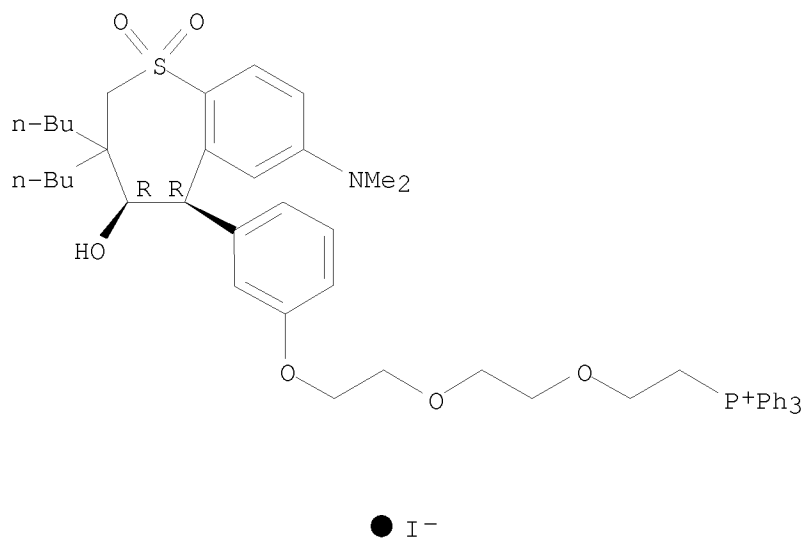


RN 197377-17-6 CAPLUS

CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triphenyl-, iodide (1:1), rel- (CA INDEX NAME)

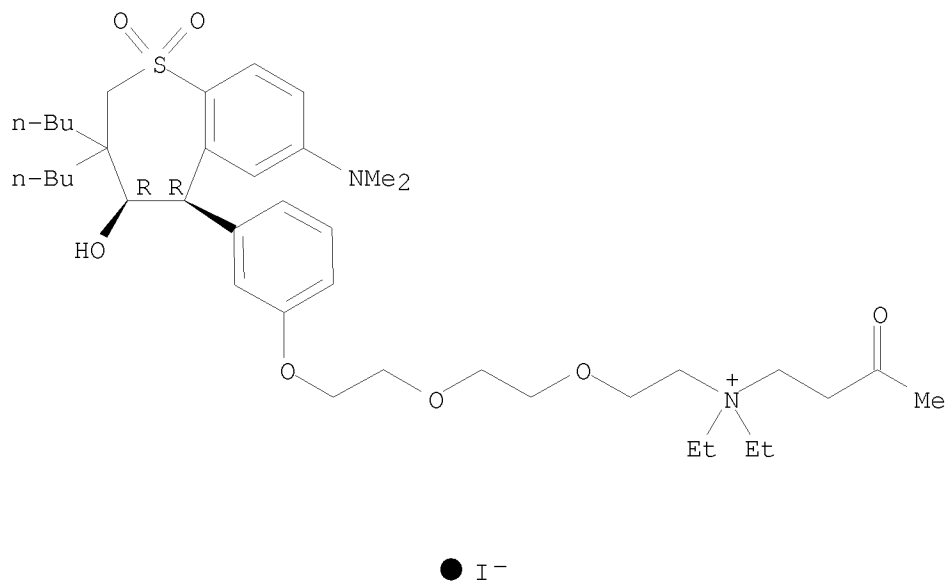
Relative stereochemistry.

10/590,458



RN 197377-18-7 CAPLUS
CN 1-Butanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-3-oxo-, iodide (1:1), rel- (CA INDEX NAME)

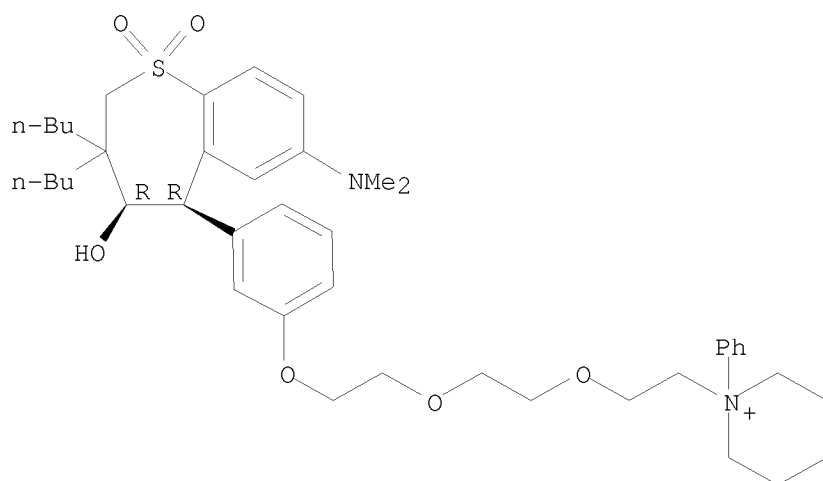
Relative stereochemistry.



RN 197377-19-8 CAPLUS
CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

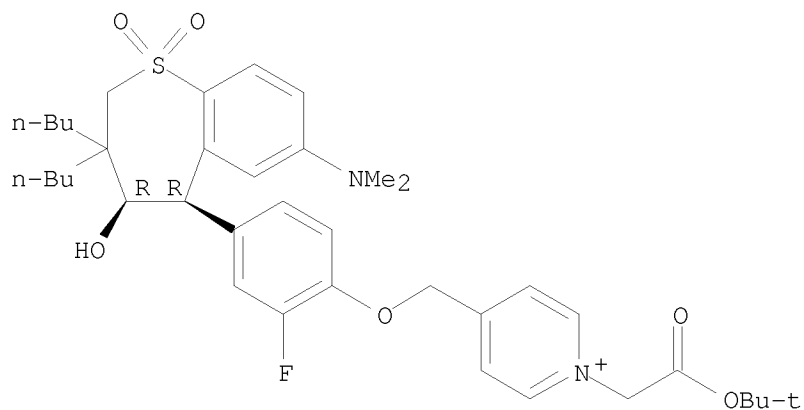
10/590,458

Relative stereochemistry.



RN 197377-20-1 CAPLUS
CN Pyridinium, 4-[[4-[(4R, 5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy)methyl]-1-[2-(1,1-dimethylethoxy)-2-oxoethyl]-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

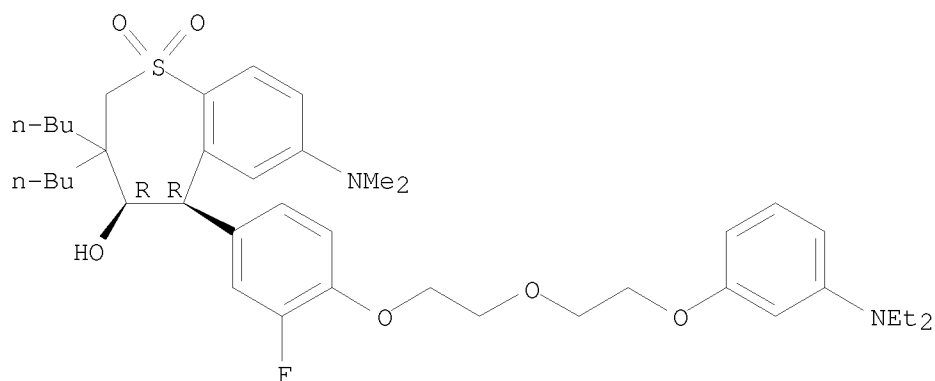


RN 197377-21-2 CAPLUS

10/590,458

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[2-[2-[3-(diethylamino)phenoxy]ethoxy]ethoxy]-3-fluorophenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

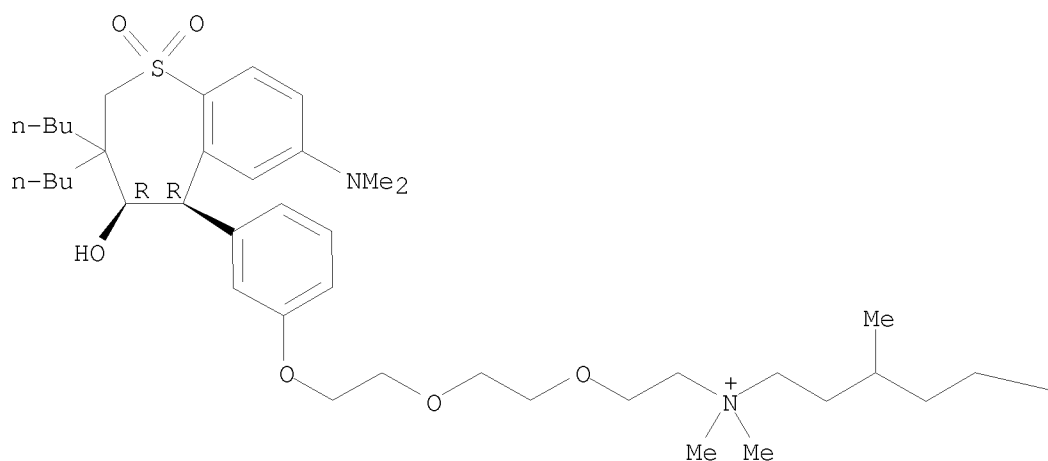


RN 197377-22-3 CAPLUS

CN 1-Pentanamminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-5-(dimethylamino)-N,N,3-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

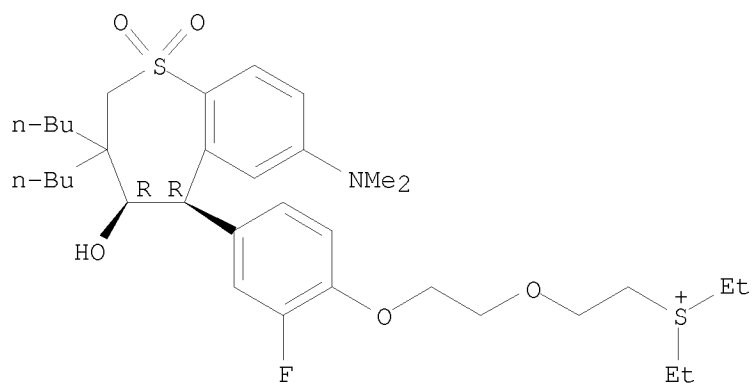


● I⁻

—NMe₂

RN 197377-23-4 CAPLUS
 CN Sulfonium, [2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]diethyl-, fluoride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

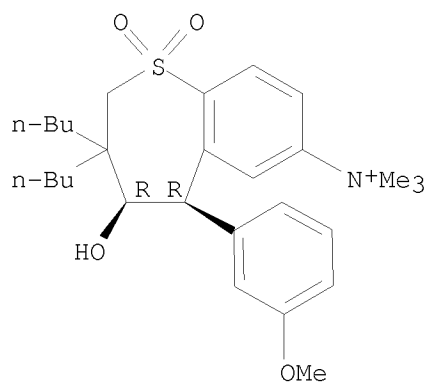


● F⁻

RN 197377-24-5 CAPLUS
 CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-methoxyphenyl)-N,N,N-trimethyl-, iodide, 1,1-dioxide, (4R,5R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

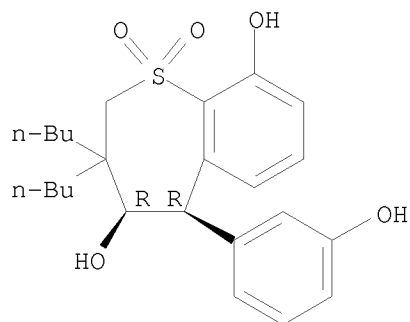
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RN 197377-25-6 CAPLUS

CN 1-Benzothiepin-4,9-diol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

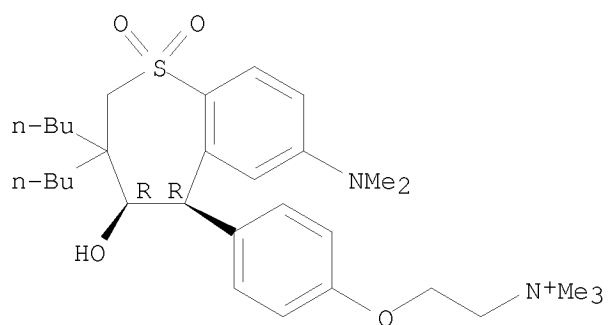


RN 197377-26-7 CAPLUS

CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

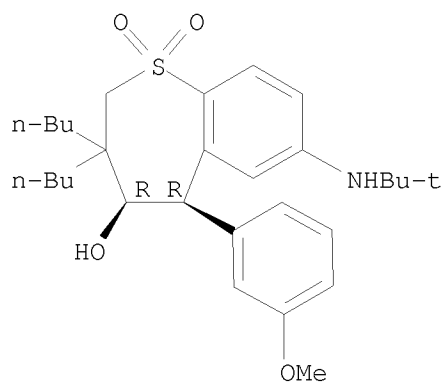
Relative stereochemistry.

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RN 197377-27-8 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-[(1,1-dimethylethyl)amino]-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

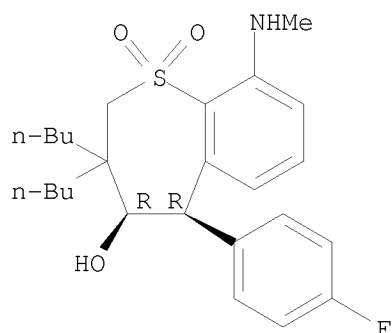
Relative stereochemistry.



RN 197377-28-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-9-(methylamino)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

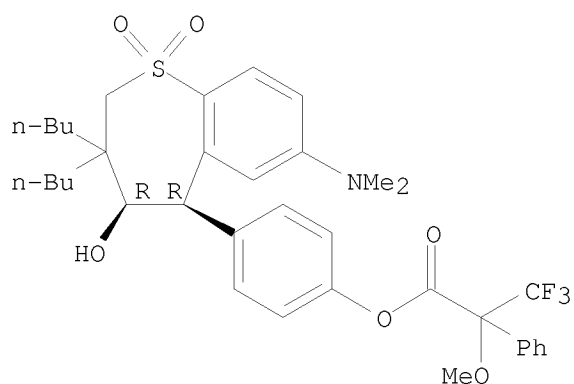
10/590,458



RN 197377-29-0 CAPLUS

CN Benzeneacetic acid, α -methoxy- α -(trifluoromethyl)-, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl ester, rel- (CA INDEX NAME)

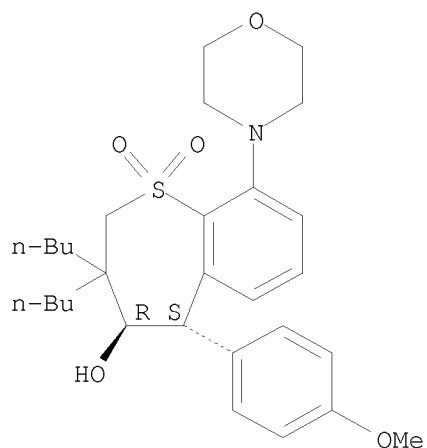
Relative stereochemistry.



RN 197377-30-3 CAPLUS

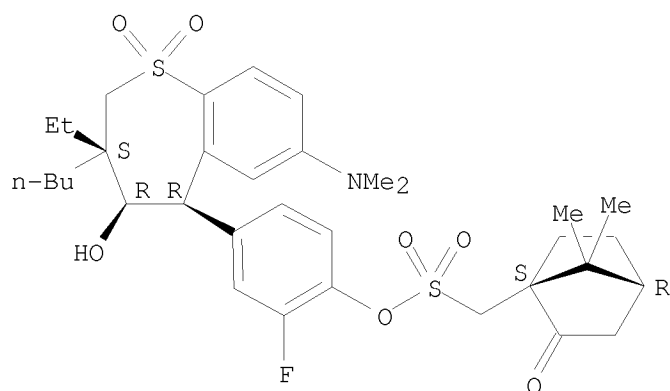
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-2,3,4,5-tetrahydro-5-(4-methoxyphenyl)-9-(4-morpholinyl)-, 1,1-dioxide, (4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-31-4 CAPLUS
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,
 4-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-
 hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenyl ester,
 (1R,4S)-rel- (CA INDEX NAME)

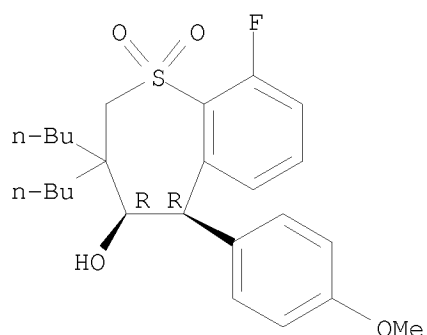
Relative stereochemistry.



RN 197377-32-5 CAPLUS
 CN 1-Benzothiepin-4-ol, 3,3-dibutyl-9-fluoro-2,3,4,5-tetrahydro-5-(4-
 methoxyphenyl)-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

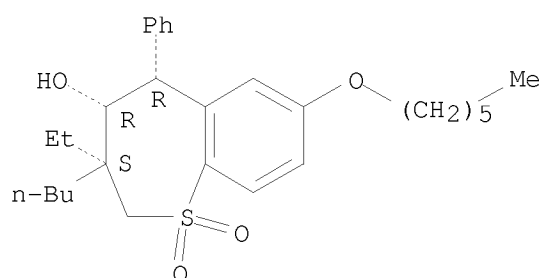
10/590,458



RN 197377-33-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

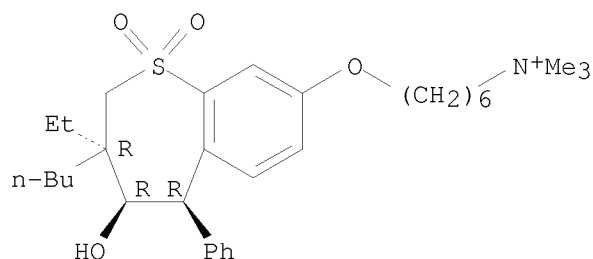
Relative stereochemistry.



RN 197377-34-7 CAPLUS

CN 1-Hexanaminium, 6-[[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



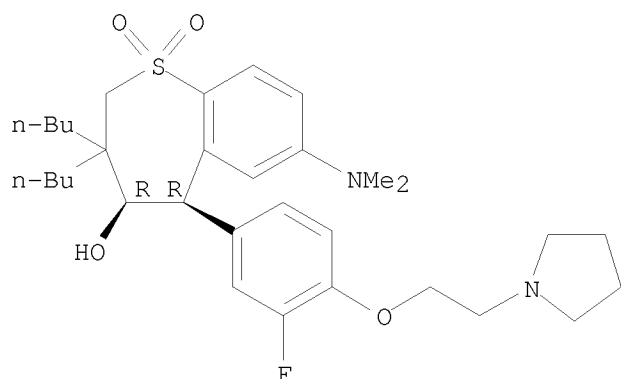
RN 197377-35-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-[3-fluoro-4-[2-(1-

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pyrrolidinyl)ethoxy]phenyl]-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel-
(CA INDEX NAME)

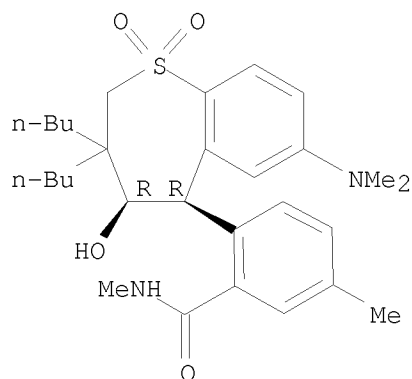
Relative stereochemistry.



RN 197377-36-9 CAPLUS

CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,5-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

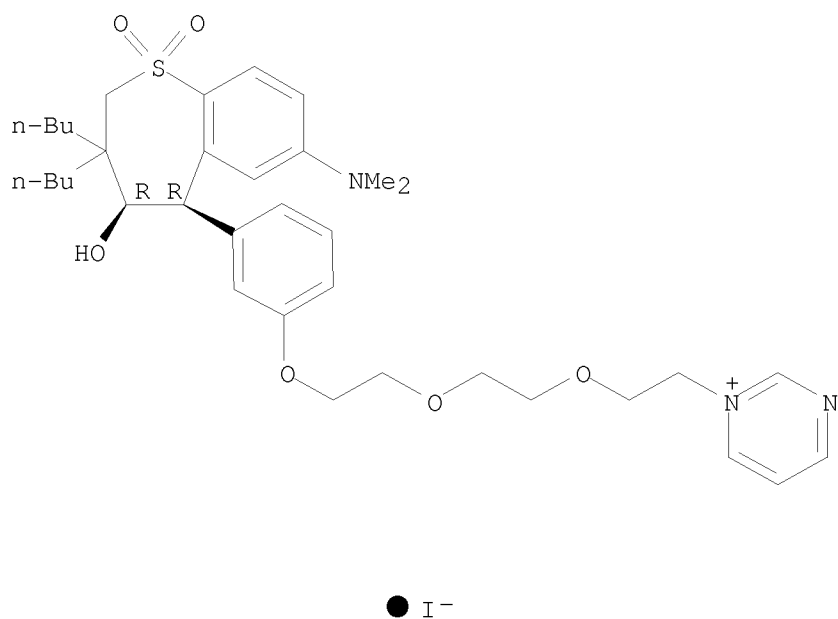


RN 197377-37-0 CAPLUS

CN Pyrimidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

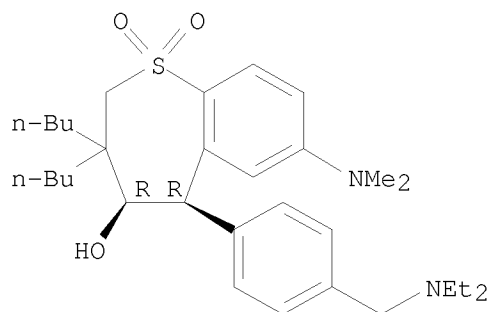
Relative stereochemistry.

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RN 197377-38-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-5-[4-[(diethylamino)methyl]phenyl]-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

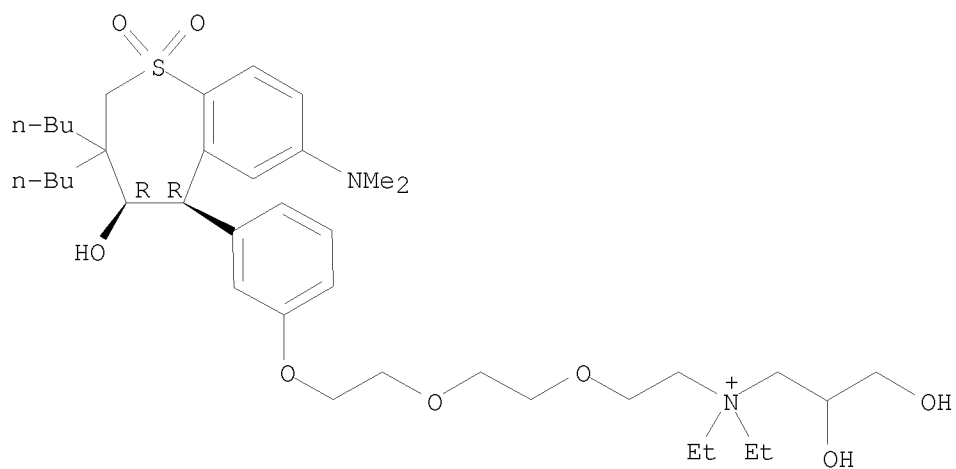
Relative stereochemistry.



RN 197377-39-2 CAPLUS
CN 1-Propanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-2,3-dihydroxy-, iodide (1:1), rel- (CA INDEX NAME)

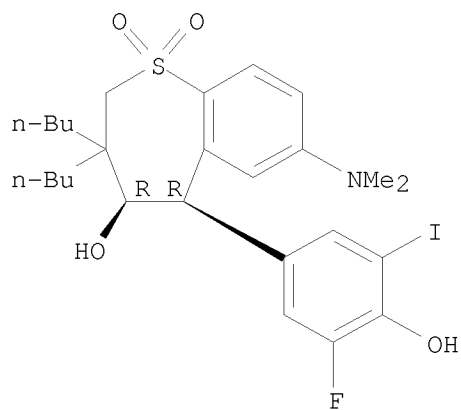
Relative stereochemistry.

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RN 197377-40-5 CAPLUS
CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-5-(3-fluoro-4-hydroxy-5-iodophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



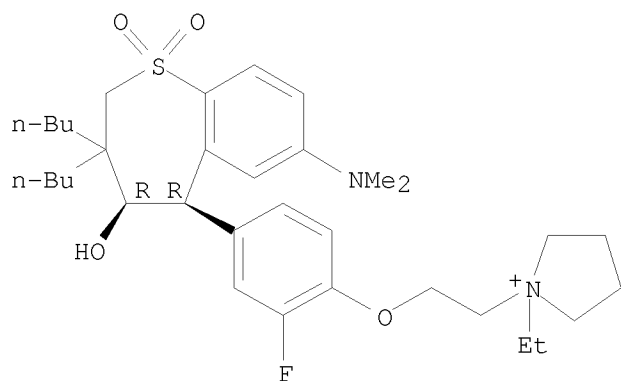
RN 197377-42-7 CAPLUS
CN Pyrrolidinium, 1-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-1-ethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-41-6
CMF C34 H52 F N2 O4 S

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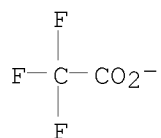
Relative stereochemistry.



CM 2

CRN 14477-72-6

CMF C2 F3 O2

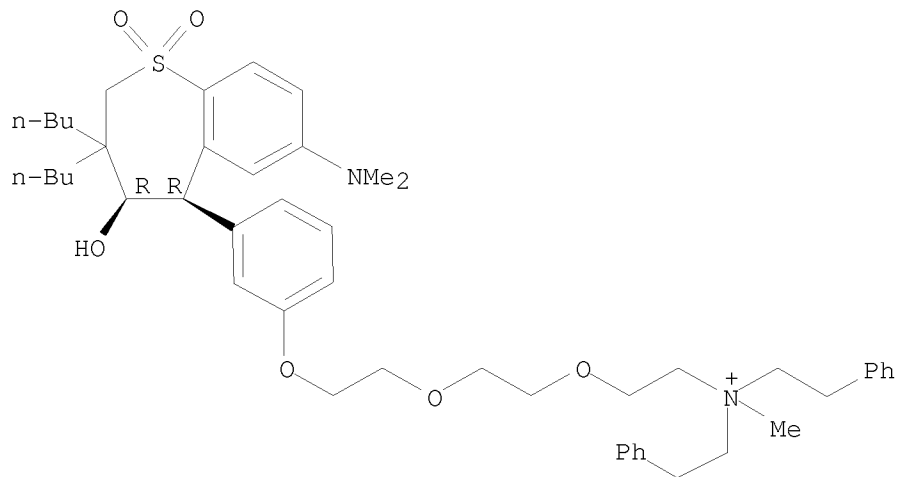


RN 197377-43-8 CAPLUS

CN Benzeneethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-N-(2-phenylethyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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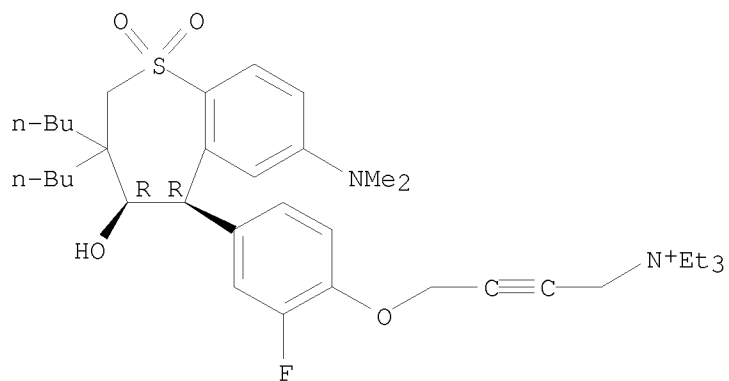


RN 197377-45-0 CAPLUS
CN 2-Butyn-1-aminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxo-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-44-9
CMF C36 H54 F N2 O4 S

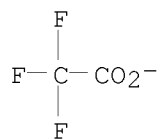
Relative stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

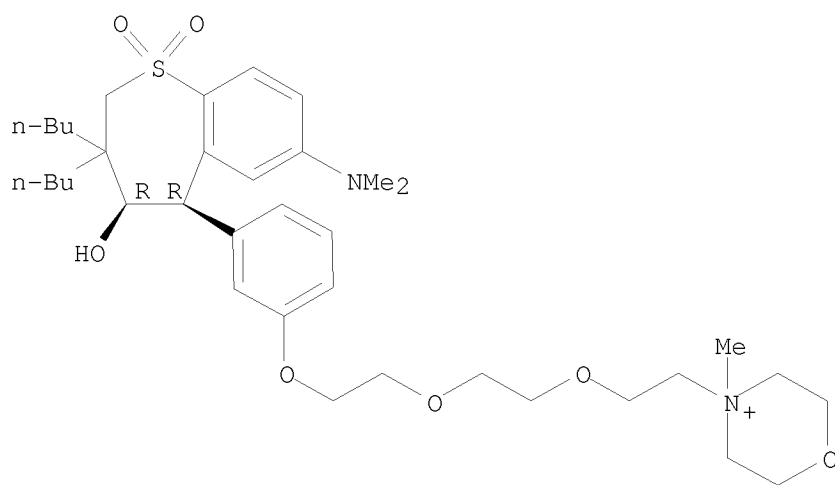
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RN 197377-46-1 CAPLUS

CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

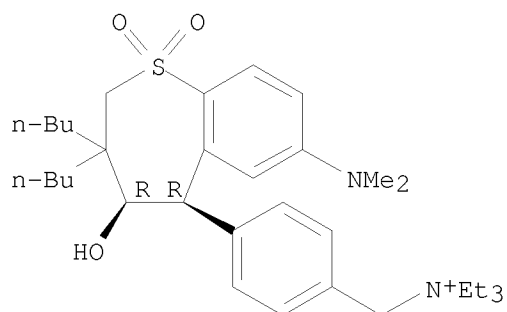


RN 197377-47-2 CAPLUS

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, iodide (1:1), rel- (CA INDEX NAME)

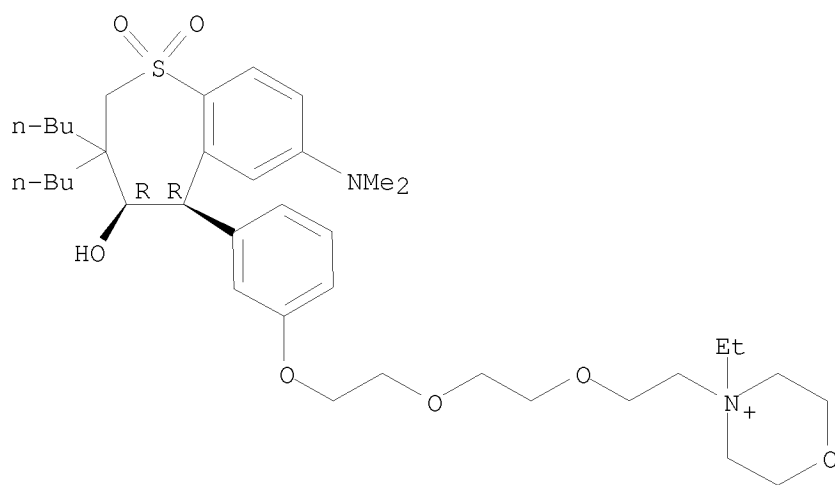
Relative stereochemistry.

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RN 197377-48-3 CAPLUS
CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

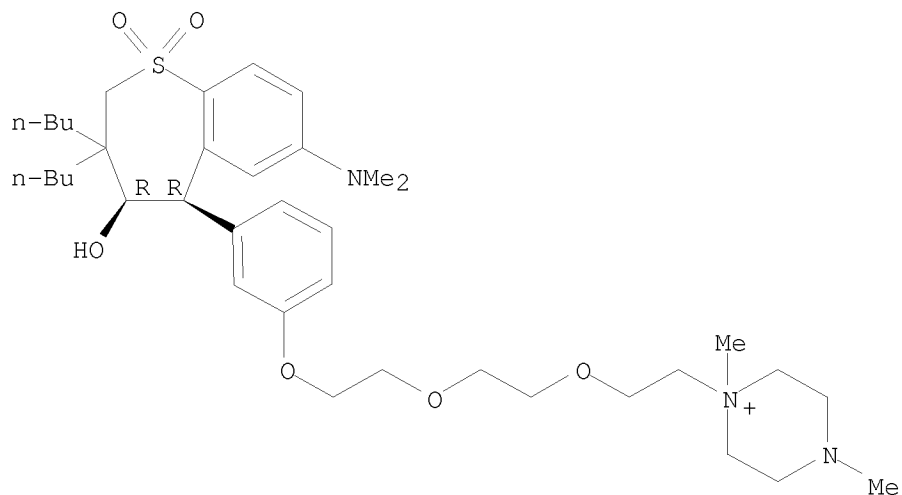
Relative stereochemistry.



RN 197377-49-4 CAPLUS
CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

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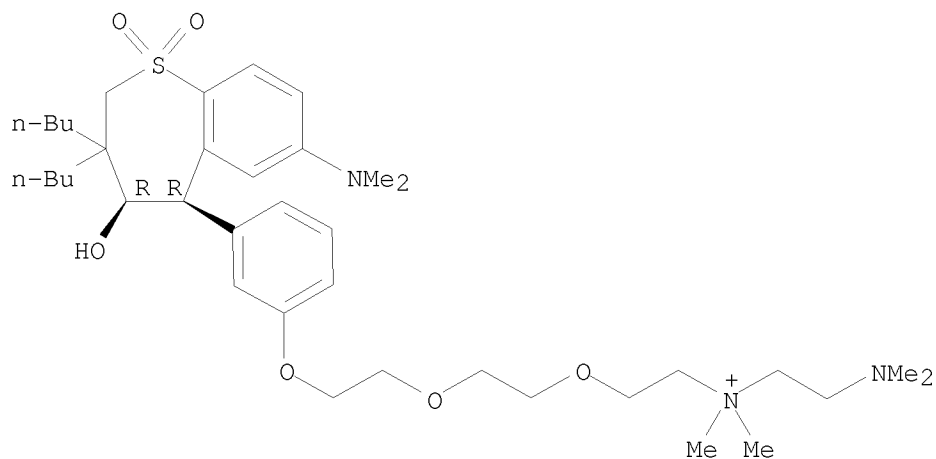
Relative stereochemistry.



RN 197377-50-7 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

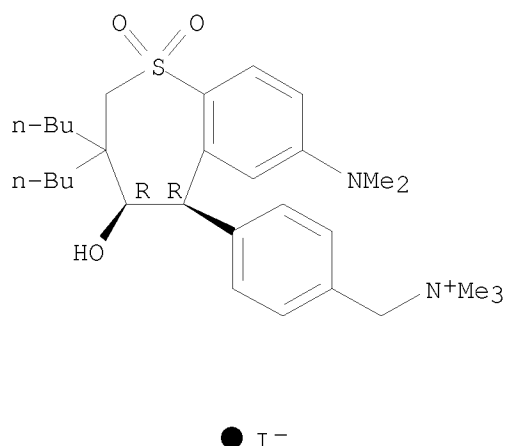


RN 197377-51-8 CAPLUS

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CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

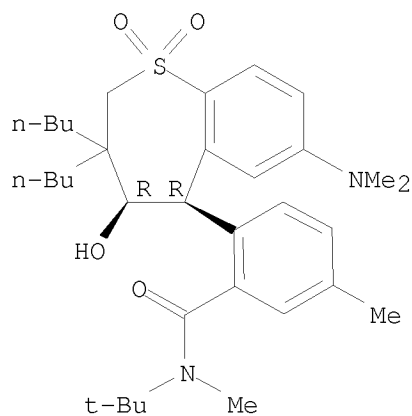
Relative stereochemistry.



RN 197377-52-9 CAPLUS

CN Benzamide, 2-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(1,1-dimethylethyl)-N,5-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

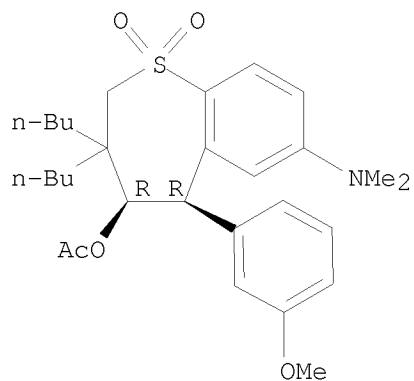


RN 197377-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-5-(3-methoxyphenyl)-, 4-acetate, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

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RN 197377-57-4 CAPLUS

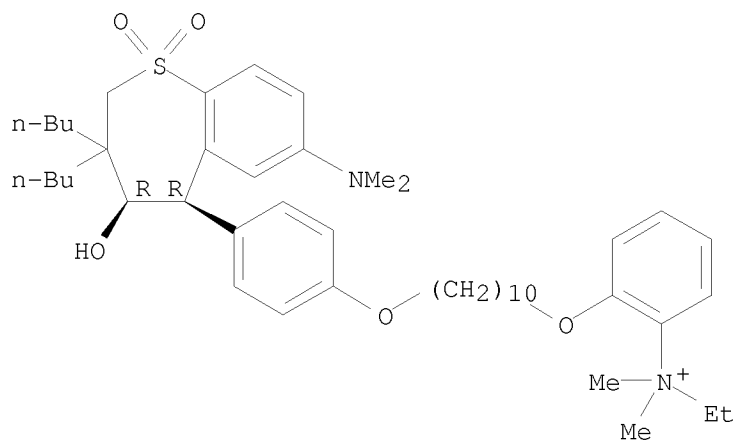
CN Benzenaminium, 2-[[10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]decyl]oxy]-N-ethyl-N,N-dimethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 197377-56-3

CMF C46 H71 N2 O5 S

Relative stereochemistry.

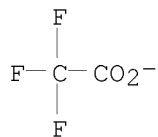


CM 2

CRN 14477-72-6

CMF C2 F3 O2

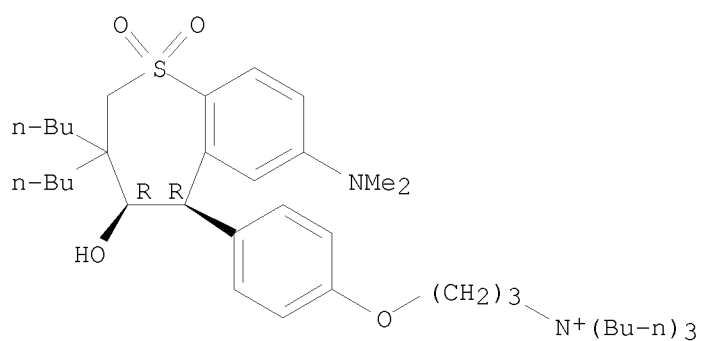
10/590,458



RN 197377-58-5 CAPLUS

CN	1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, bromide (1:1), rel- (CA INDEX NAME)
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Relative stereochemistry.



RN 197377-60-9 CAPLUS

CN 1-Hexanaminium, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

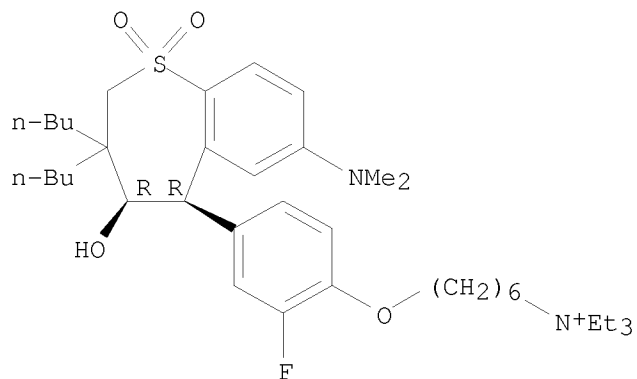
CM 1

CRN 197377-59-6

CMF C38 H62 F N2 O4 S

Relative stereochemistry.

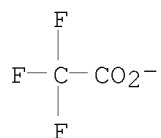
10/590,458



CM 2

CRN 14477-72-6

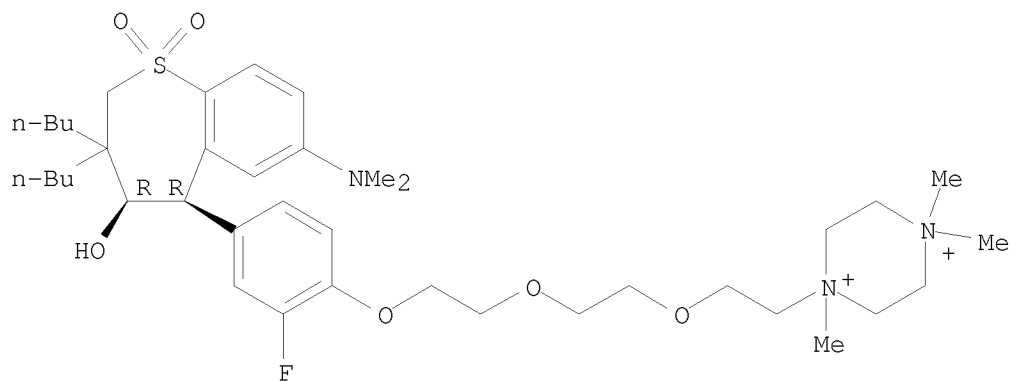
CMF C2 F3 O2



RN 197377-61-0 CAPLUS

CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4,4-trimethyl-, iodide (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.



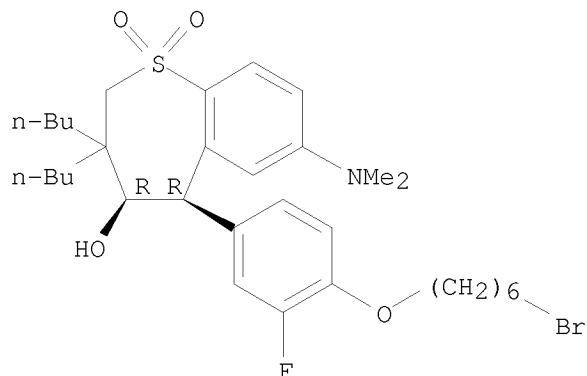
● 2 I⁻

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RN 197377-63-2 CAPLUS

CN 1-Benzothiepin-4-ol, 5-[4-[(6-bromohexyl)oxy]-3-fluorophenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)

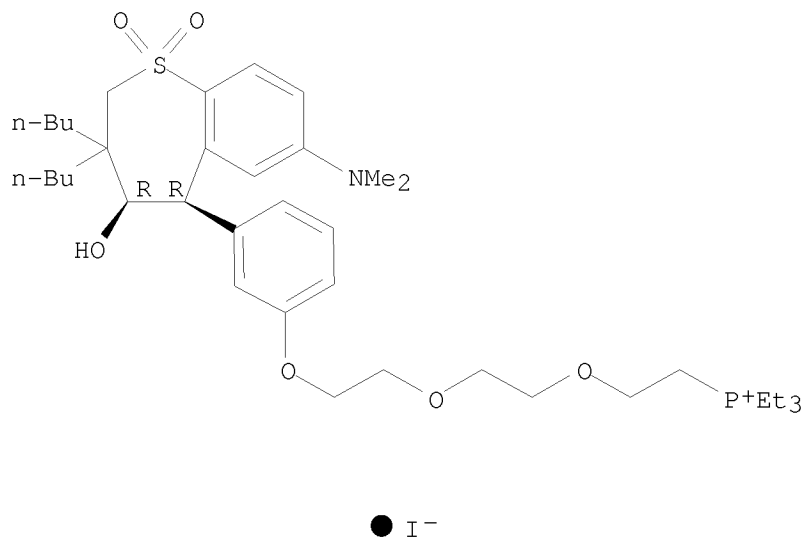
Relative stereochemistry.



RN 197377-64-3 CAPLUS

CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

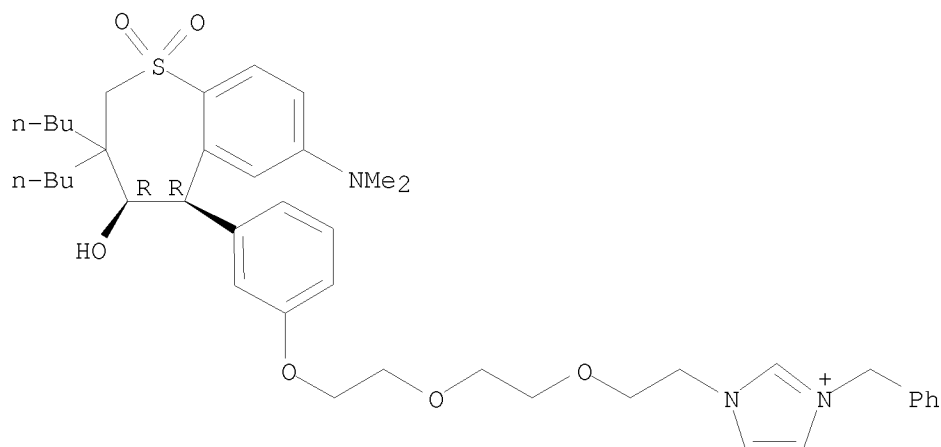


RN 197377-65-4 CAPLUS

CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-(phenylmethyl)-, iodide (1:1), rel- (CA INDEX NAME)

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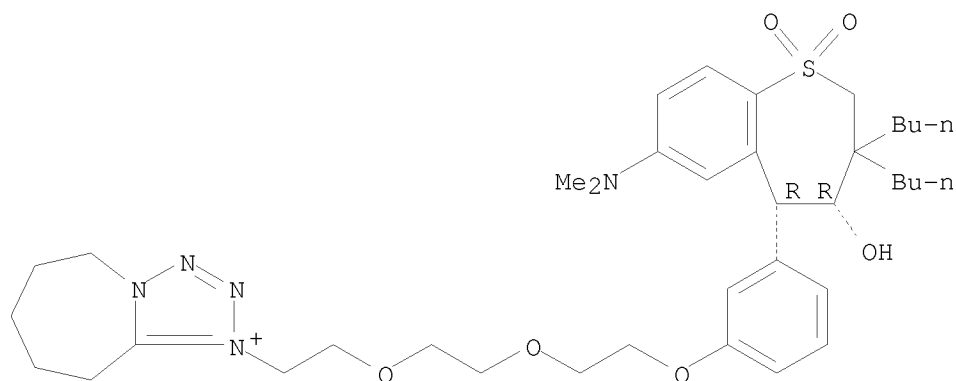
Relative stereochemistry.



RN 197377-66-5 CAPLUS

CN 5H-Tetrazolo[1,5-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



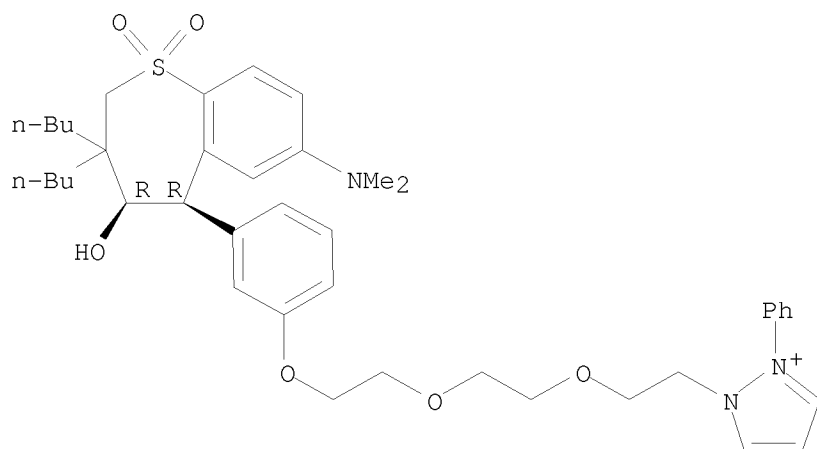
RN 197377-67-6 CAPLUS

CN 1H-Pyrazolium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

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NAME)

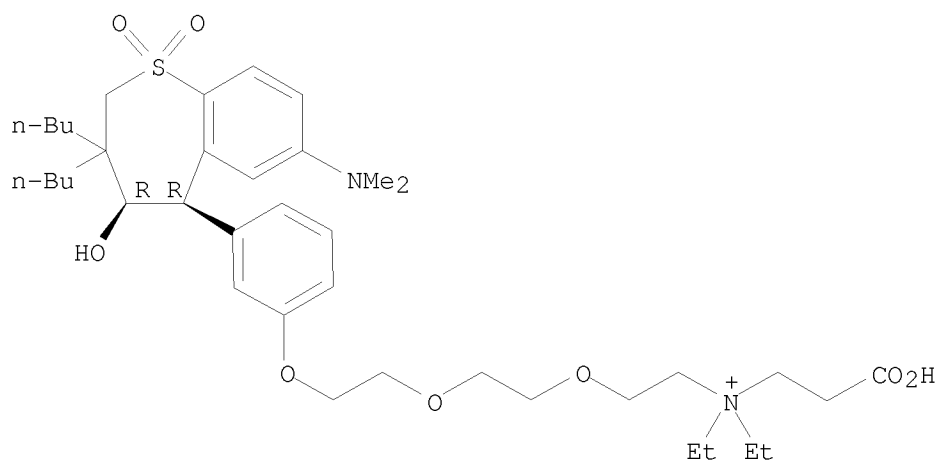
Relative stereochemistry.



RN 197377-68-7 CAPLUS

CN Ethanaminium, 2-carboxy-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

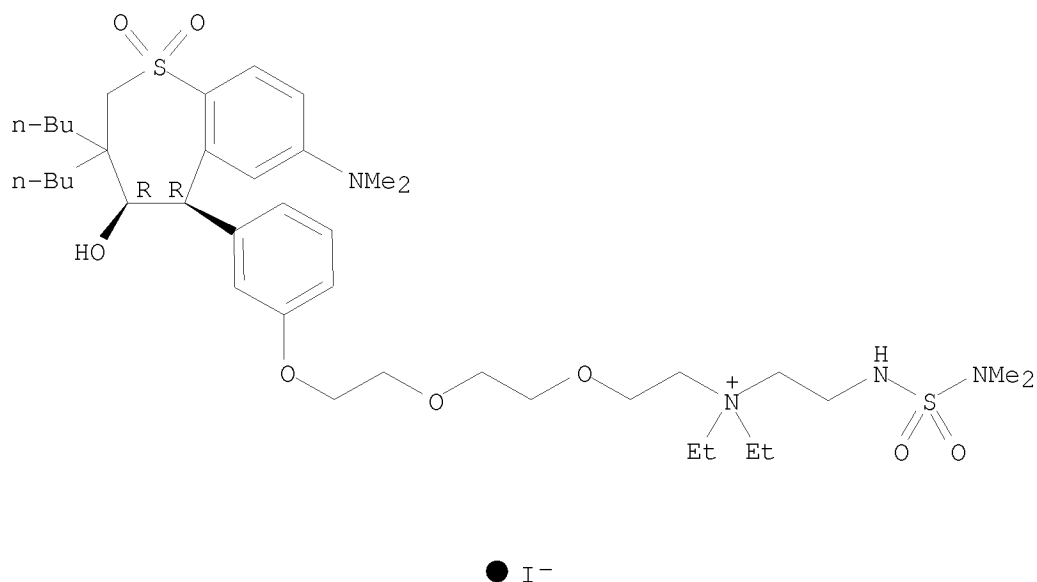


RN 197377-69-8 CAPLUS

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CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[[(dimethylamino) sulfonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

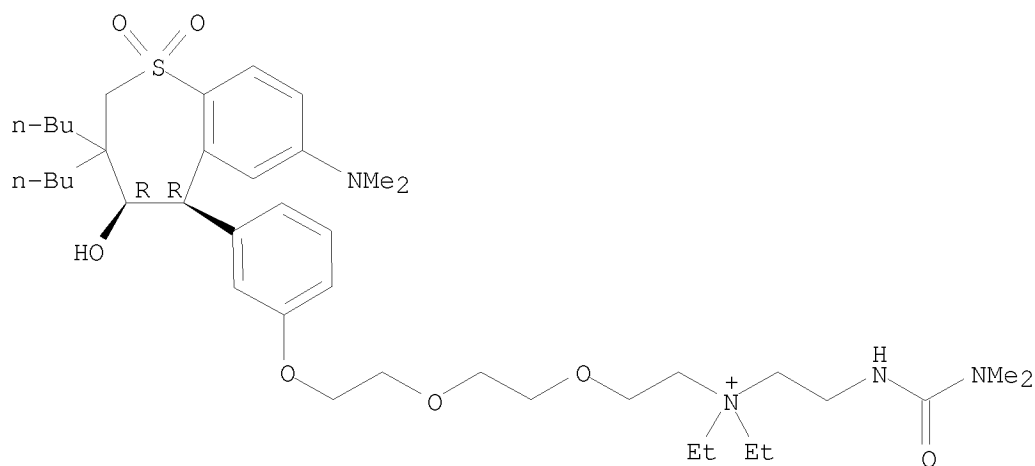


RN 197377-70-1 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[[(dimethylamino) carbonyl]amino]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

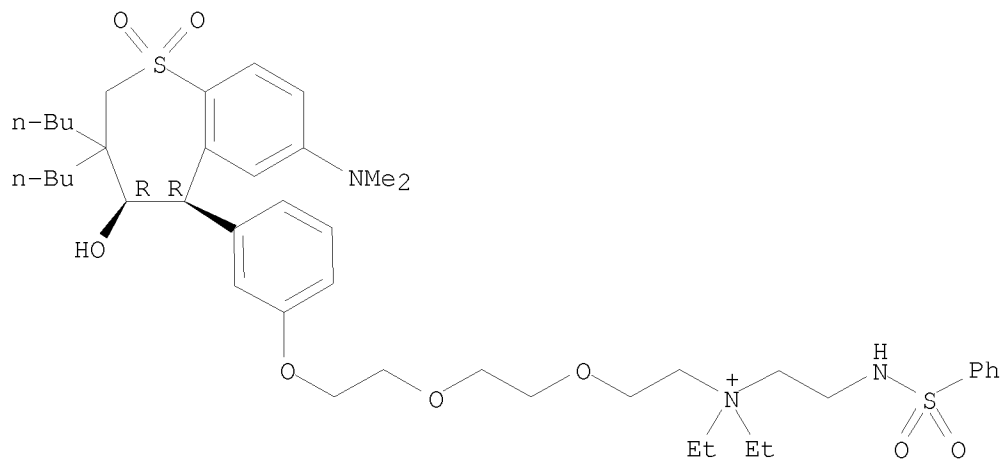
10/590,458



RN 197377-71-2 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(phenylsulfonyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



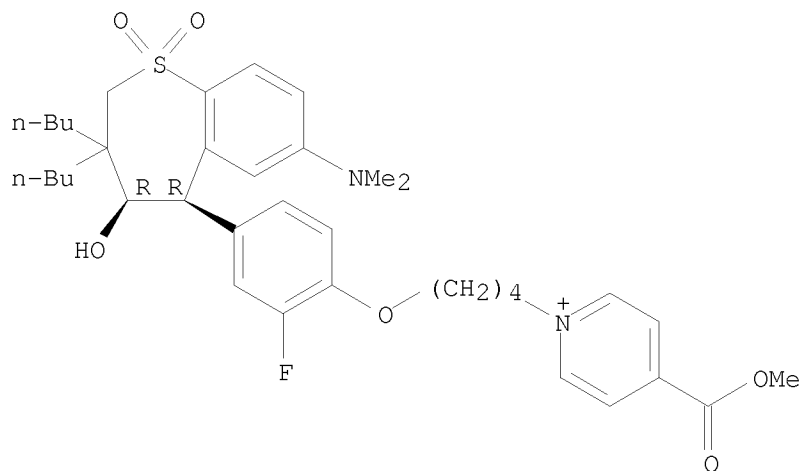
RN 197377-72-3 CAPLUS

CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-

10/590,458

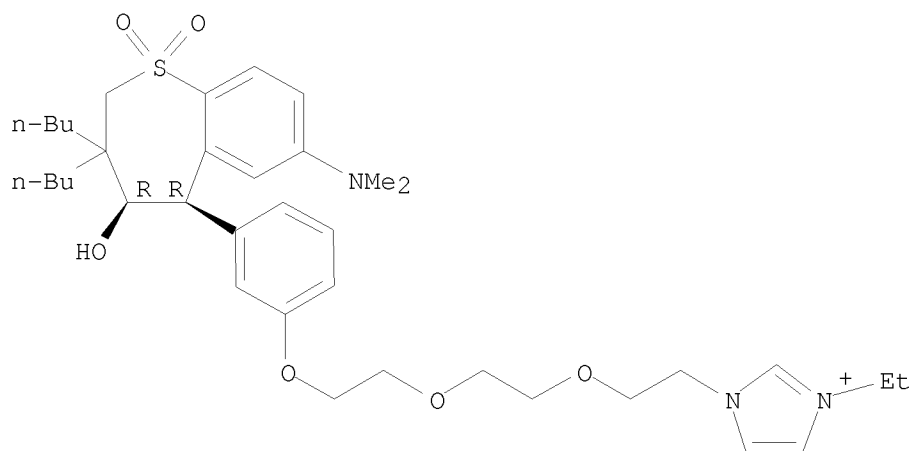
fluorophenoxy]butyl]-4-(methoxycarbonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197377-73-4 CAPLUS
CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-ethyl-, iodide (1:1), rel- (CA INDEX NAME)

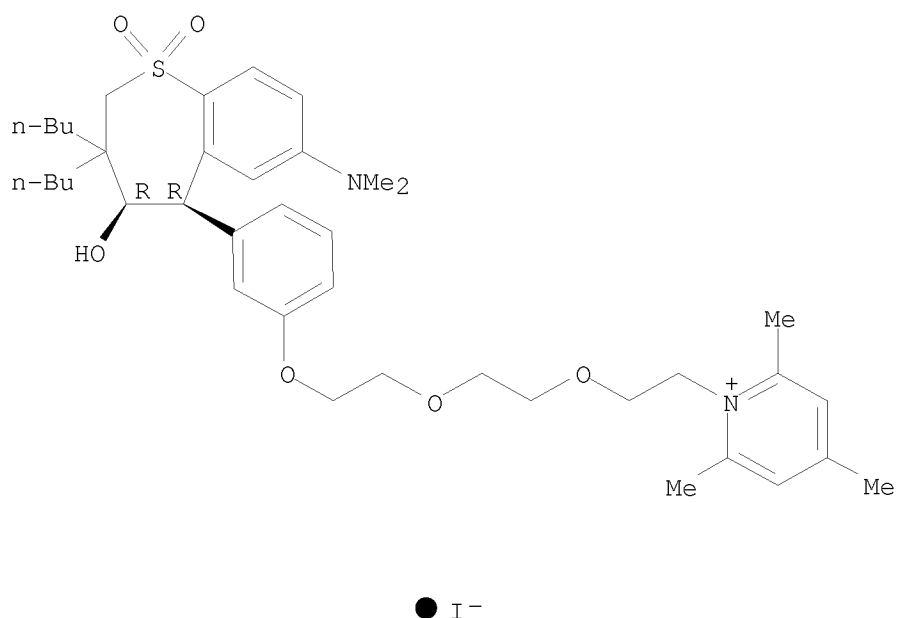
Relative stereochemistry.



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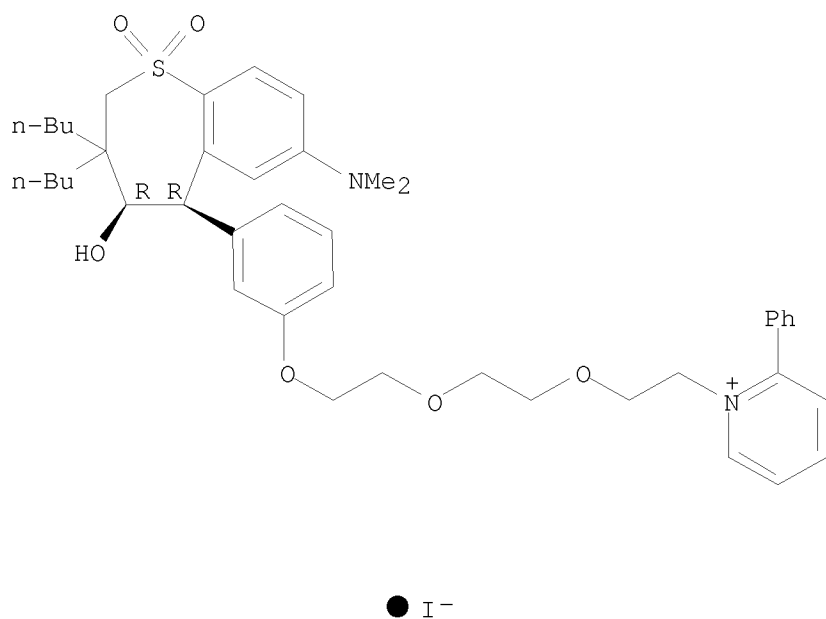
RN 197377-74-5 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,4,6-trimethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



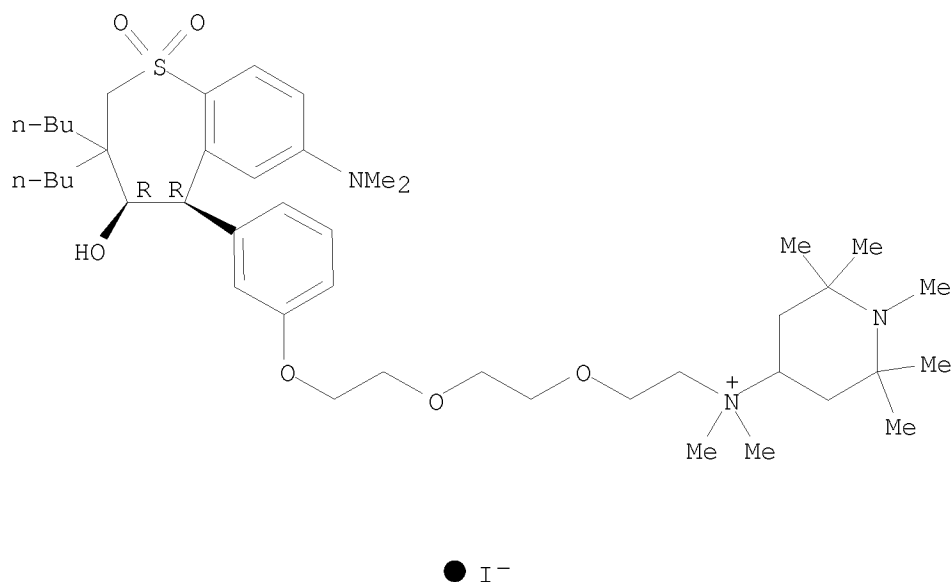
RN 197377-75-6 CAPLUS
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



RN	197377-76-7	CAPLUS
CN	4-Piperidinaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,1,2,2,6,6-heptamethyl-, iodide (1:1), rel- (CA INDEX NAME)	

Relative stereochemistry.

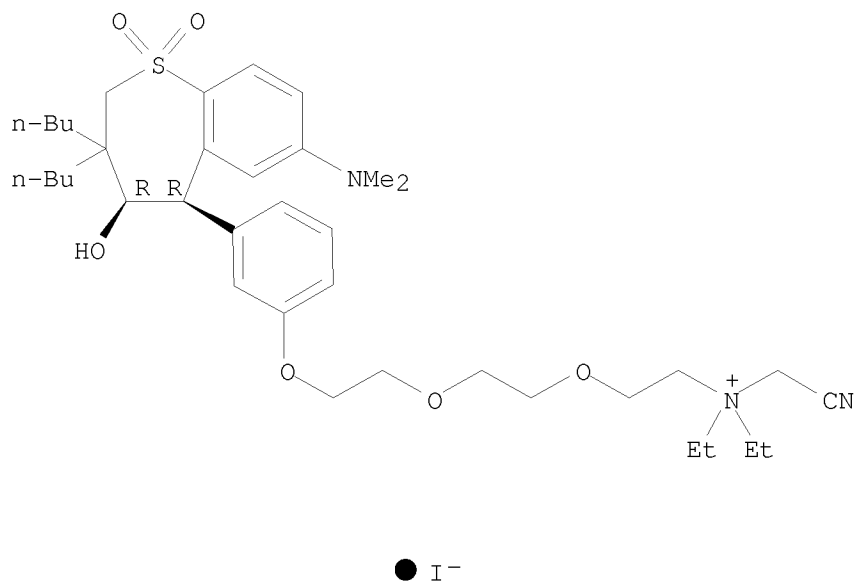


RN	197377-77-8	CAPLUS
CN	Ethanaminium, N-(cyanomethyl)-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-	

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(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

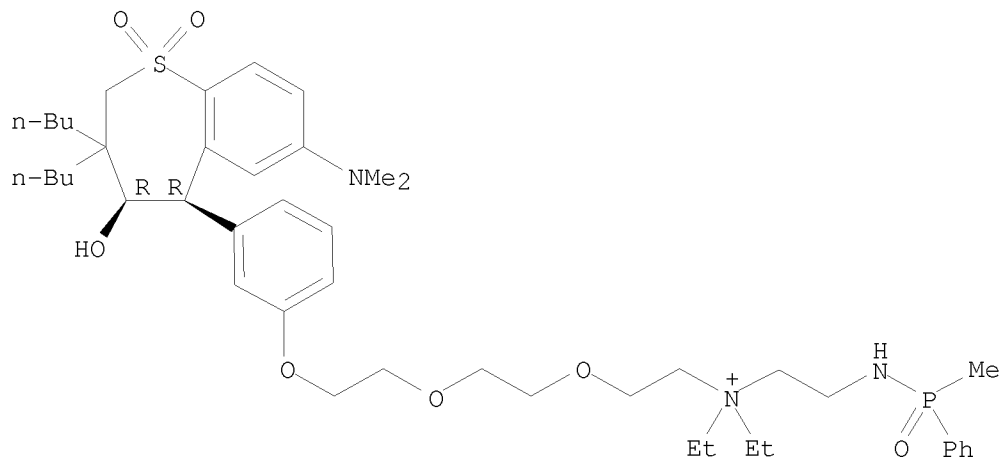


RN 197377-78-9 CAPLUS

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(methylphenylphosphinyl)amino]ethyl]-, iodide (1:1), rel- (CA INDEX NAME)

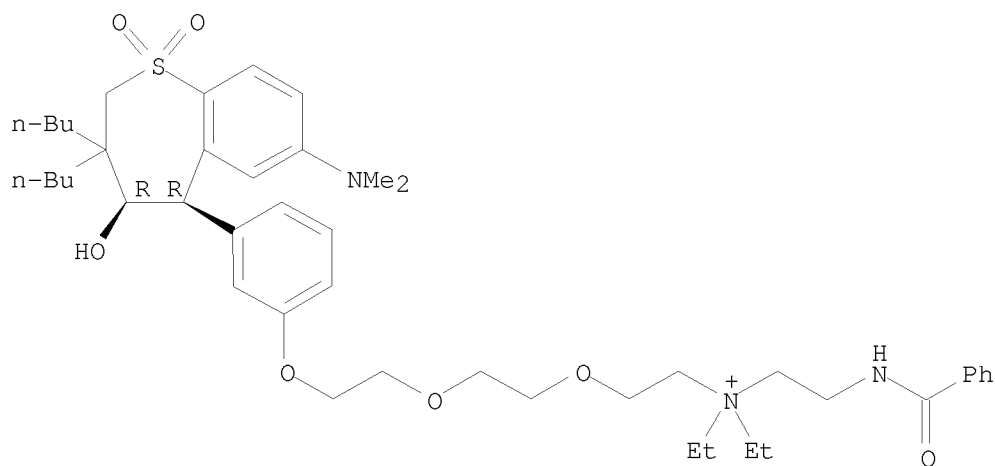
Relative stereochemistry.

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RN 197377-79-0 CAPLUS
 CN Ethanaminium, 2-(benzoylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



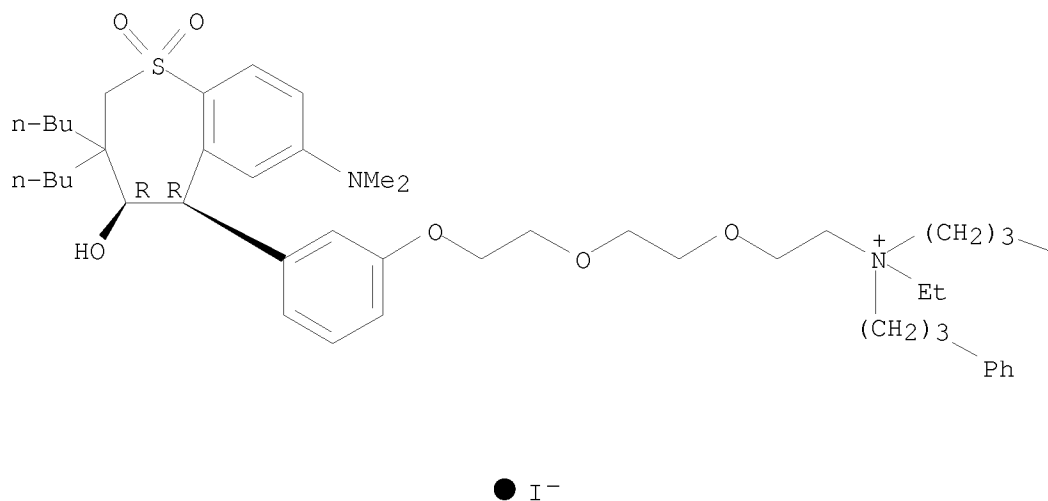
RN 197377-81-4 CAPLUS
 CN Benzenepropanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-

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yl]phenoxy]ethoxy]ethoxy]ethyl]-N-ethyl-N-(3-phenylpropyl)-, iodide (1:1),
rel- (CA INDEX NAME)

Relative stereochemistry.

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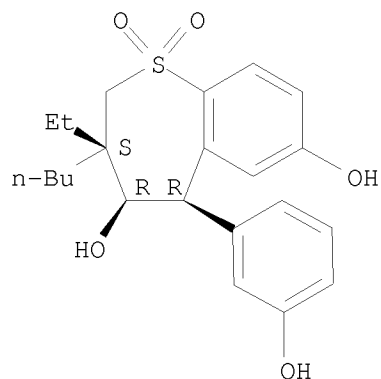
PAGE 1-B

— Ph

RN 197377-82-5 CAPLUS
CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-
hydroxyphenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

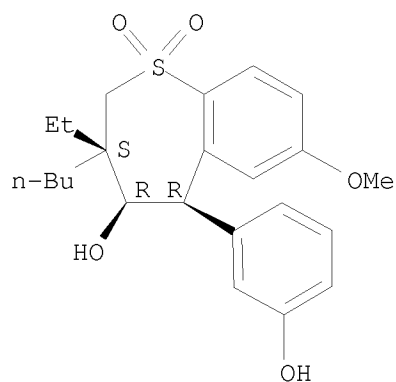
10/590,458



RN 197377-83-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(3-hydroxyphenyl)-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

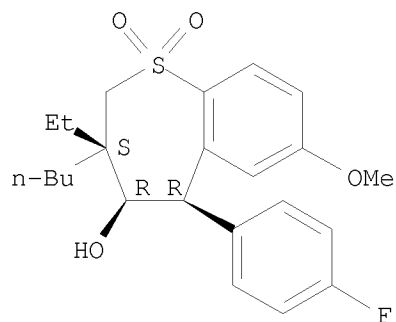
Relative stereochemistry.



RN 197377-84-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

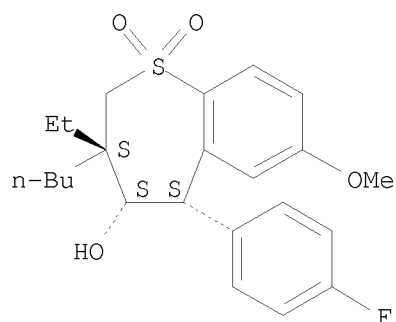


RN 197377-85-8 CAPLUS

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CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

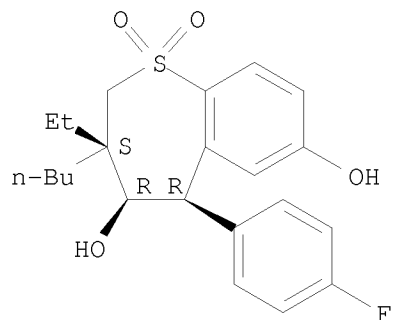
Relative stereochemistry.



RN 197377-86-9 CAPLUS

CN 1-Benzothiepin-4,7-diol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

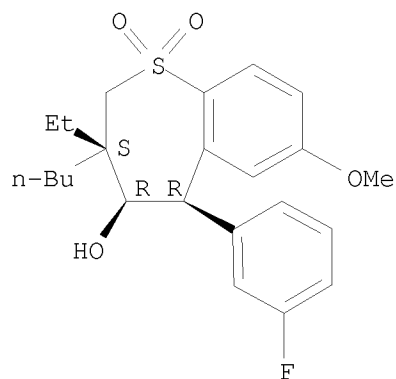
Relative stereochemistry.



RN 197377-90-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

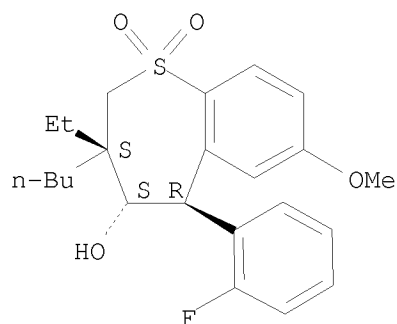


10/590,458

RN 197377-91-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

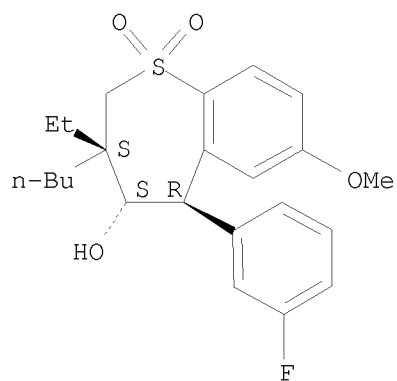
Relative stereochemistry.



RN 197377-93-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(3-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

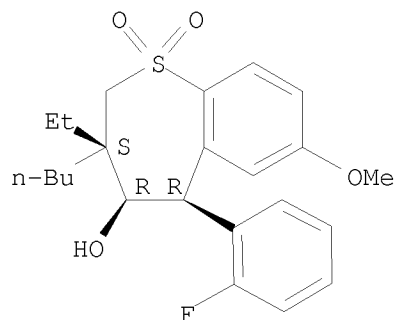


RN 197377-94-9 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(2-fluorophenyl)-2,3,4,5-tetrahydro-7-methoxy-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

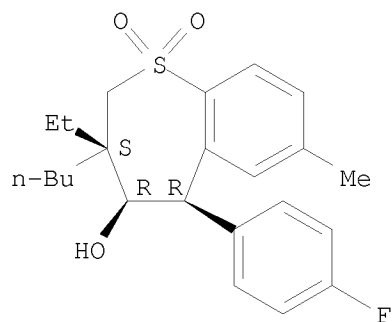
10/590,458



RN 197377-96-1 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

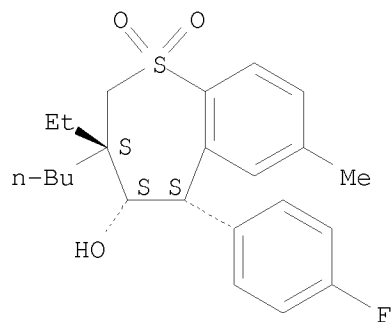
Relative stereochemistry.



RN 197377-98-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-7-methyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 197384-36-4 CAPLUS

CN 1-Hexanaminium, 6-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-6-oxo-, rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

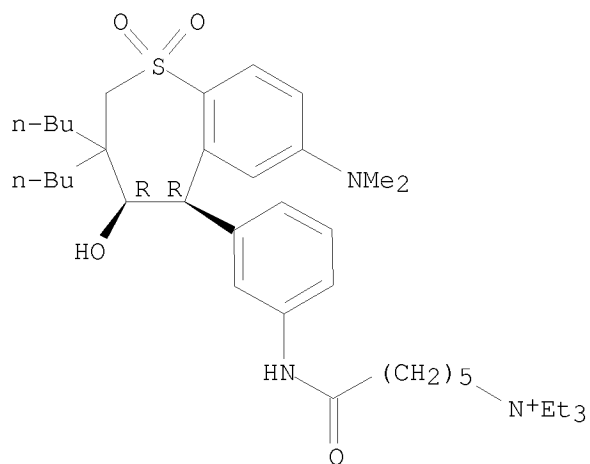
10/590,458

CM 1

CRN 197384-35-3

CMF C38 H62 N3 O4 S

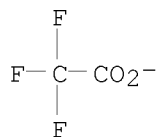
Relative stereochemistry.



CM 2

CRN 14477-72-6

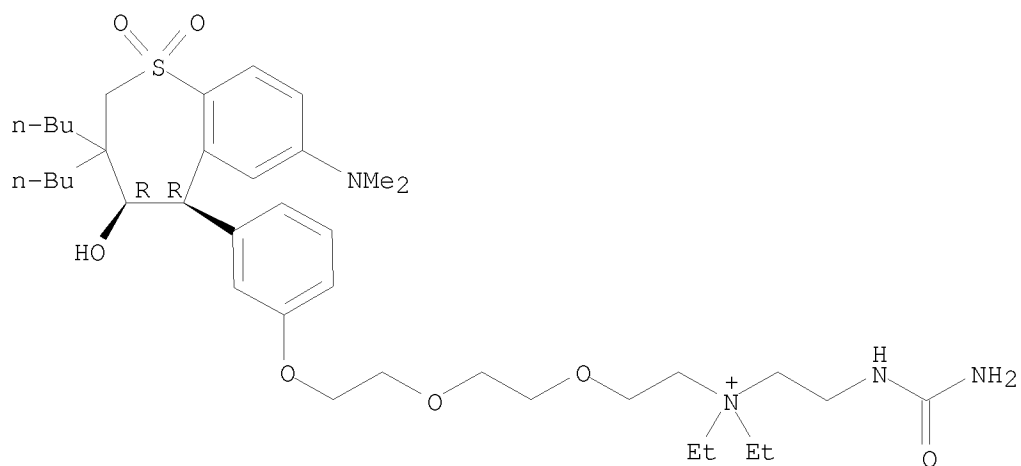
CMF C2 F3 O2



RN 197384-39-7 CAPLUS

CN Ethanaminium, 2-[(aminocarbonyl)amino]-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

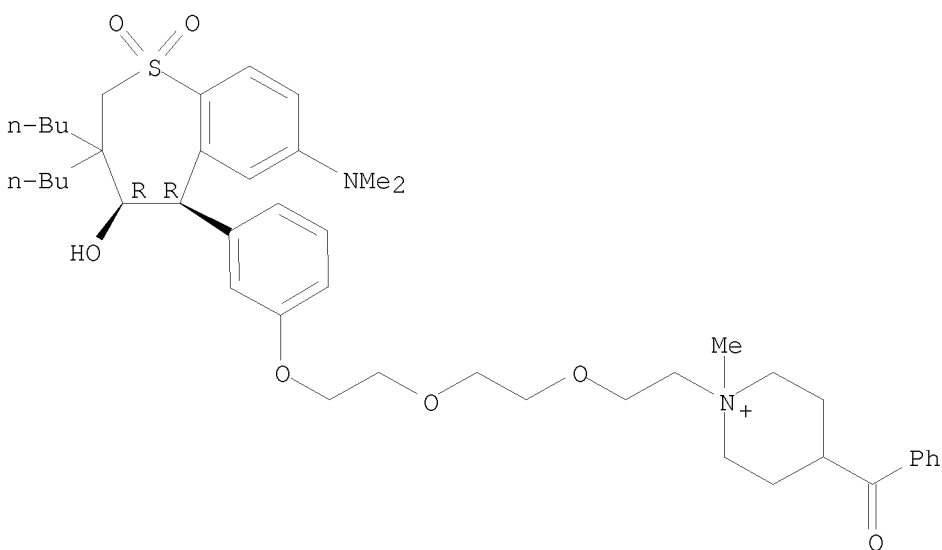


RN 197390-49-1 CAPLUS

CN Piperidinium, 4-benzoyl-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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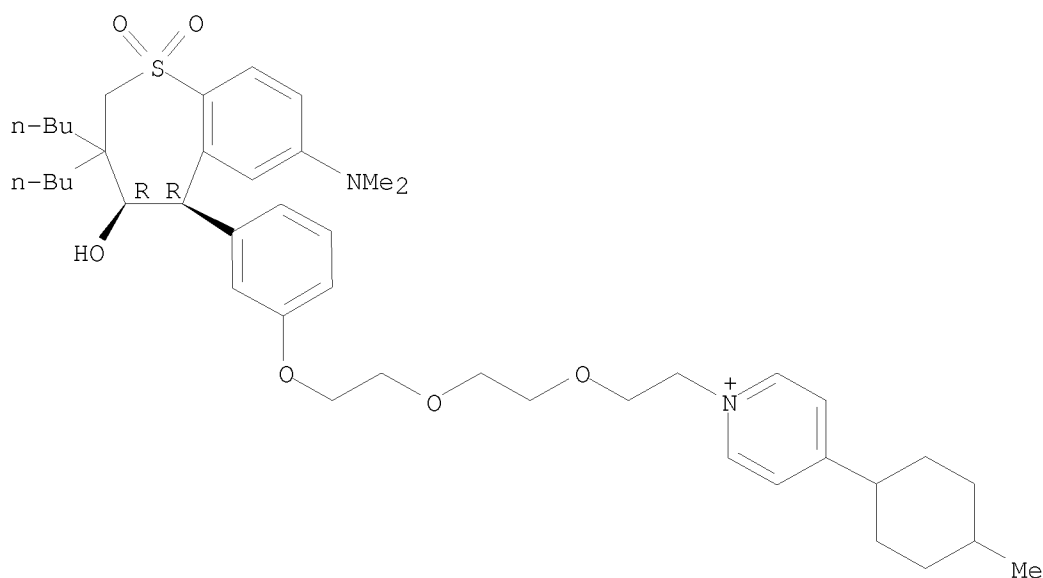
PAGE 2-A



RN 197390-68-4 CAPLUS
 CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(4-methylcyclohexyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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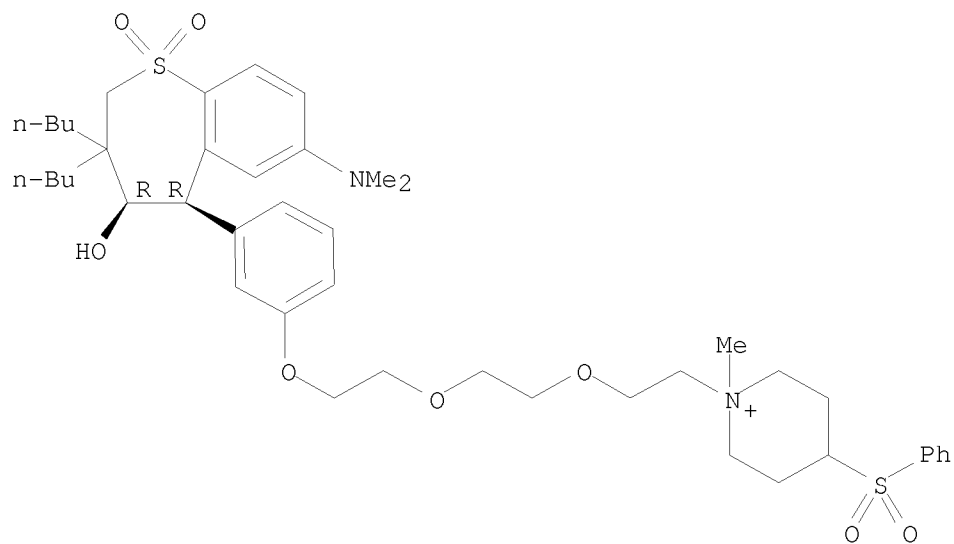
PAGE 2-A



RN 213386-72-2 CAPLUS
 CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(phenylsulfonyl)-, iodide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

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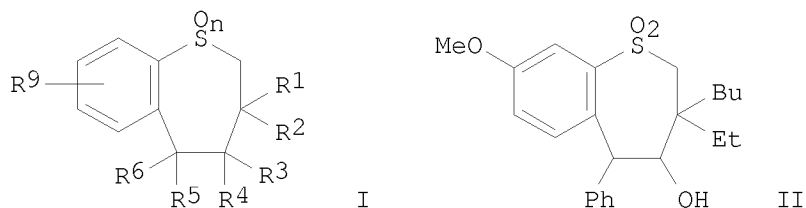
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OS.CITING REF COUNT:	13	THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (27 CITINGS)
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 45 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:431400 CAPLUS
 DOCUMENT NUMBER: 125:114515
 ORIGINAL REFERENCE NO.: 125:21487a,21490a
 TITLE: Preparation of benzothieepines as inhibitors of ileal
 bile acid transport and taurocholate uptake
 INVENTOR(S): Lee, Len Fang; Miller, Raymond Eugene; Tremont, Samuel
 Joseph
 PATENT ASSIGNEE(S): Monsanto Co., USA
 SOURCE: PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9608484	A1	19960321	WO 1995-US10863	19950828
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2199944	A1	19960321	CA 1995-2199944	19950828
AU 9533736	A	19960329	AU 1995-33736	19950828
AU 700557	B2	19990107		
EP 781278	A1	19970702	EP 1995-930289	19950828
EP 781278	B1	20010314		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CN 1162311	A	19971015	CN 1995-195971	19950828
CN 1084741	C	20020515		
BR 9508916	A	19971230	BR 1995-8916	19950828
JP 10505830	T	19980609	JP 1996-510205	19950828
JP 3304093	B2	20020722		
AT 199718	T	20010315	AT 1995-930289	19950828
ES 2155136	T3	20010501	ES 1995-930289	19950828
AU 761249	B2	20030529	AU 2000-53394	20000816
GR 3035583	T3	20010629	GR 2001-400374	20010315
US 20030171426	A1	20030911	US 2002-76091	20020215
US 6642268	B2	20031104		
AU 2003201377	A1	20030612	AU 2003-201377	20030318
PRIORITY APPLN. INFO.:			US 1994-305526	A 19940913
			US 1995-517051	B1 19950821
			WO 1995-US10863	W 19950828
			US 1996-13119P	P 19960311
			AU 1997-23266	A3 19970311
			US 1997-40660P	P 19970311
			US 1997-816065	B2 19970311
			US 1997-831284	B3 19970331
			AU 2000-53394	A3 20000816
			US 2000-676466	A3 20000929
OTHER SOURCE(S):	MARPAT	125:114515		
GI				



AB Title compds. (I; R = H, OH, halo, alkyl, alkoxy, etc.; R1,R2 = H or alkyl; R1R2 = alkylene; R3,R4 = H, OH, alkyl, alkoxy, aryl, etc.; R3R4 = O, NOH CH2, NH, etc.; R5 = OH, NH2, alkyl, aryl, heterocyclyl, etc.; R6 = H; R4R6 = O; R5R6 = alkylidene; q = 1-4; n = 0-2) were prepared Thys, 2,4-(HO)(MeO)C6H3COPh was converted in 3 steps to 2-[(2-benzyl-5-methoxyphenylsulfonyl)methyl]-2-ethylhexanal which was cyclized to give title compound (3 α ,4 β ,5 β)-II (III) as 1 of 2 diastereomers. III had IC50 of 0.1 μ M against in vitro taurocholate cell uptake.

IT	178678-25-6P	178678-26-7P	178678-27-8P
	178678-39-2P	178678-40-5P	178678-41-6P
	178678-42-7P	178678-43-8P	178678-44-9P
	178678-45-0P	178678-46-1P	178678-47-2P
	178678-48-3P	178678-54-1P	178897-95-5P
	178897-96-6P	178897-97-7P	178898-00-5P
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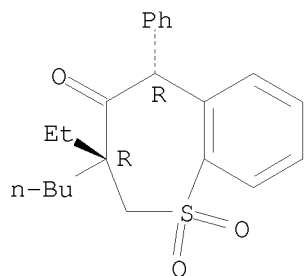
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of benzothiepinines as inhibitors of ileal bile acid transport and taurocholate uptake)

RN 178678-25-6 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-, 1,1-dioxide, (3R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

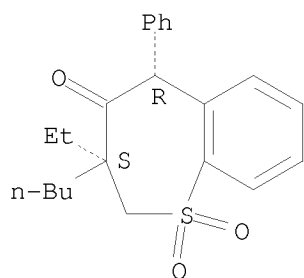


RN 178678-26-7 CAPLUS

CN 1-Benzothiepin-4(5H)-one, 3-butyl-3-ethyl-2,3-dihydro-5-phenyl-, 1,1-dioxide, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

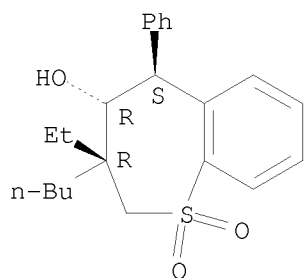
10/590,458



RN 178678-27-8 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5S)-rel- (CA INDEX NAME)

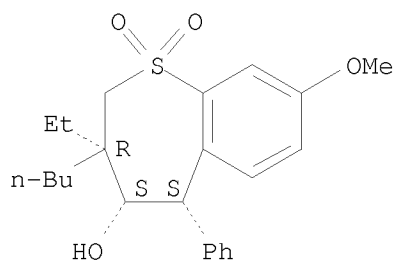
Relative stereochemistry.



RN 178678-39-2 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-,
1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

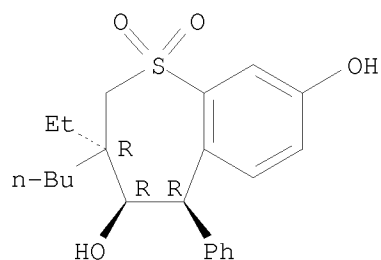


RN 178678-40-5 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-,
1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

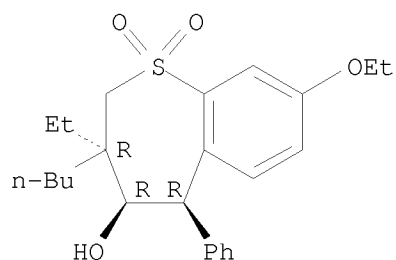
10/590,458



RN 178678-41-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-8-ethoxy-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

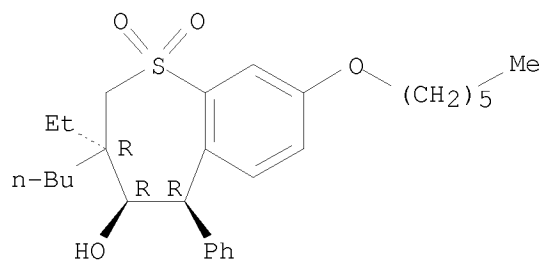
Relative stereochemistry.



RN 178678-42-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-8-(hexyloxy)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

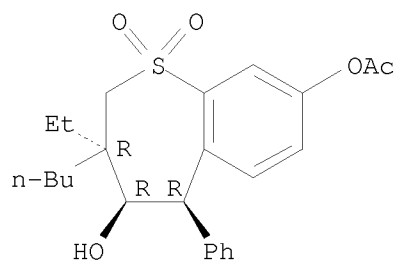


RN 178678-43-8 CAPLUS

CN 1-Benzothiepin-4,8-diol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 8-acetate, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

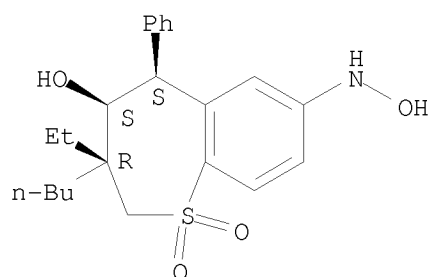
Relative stereochemistry.

10/590,458



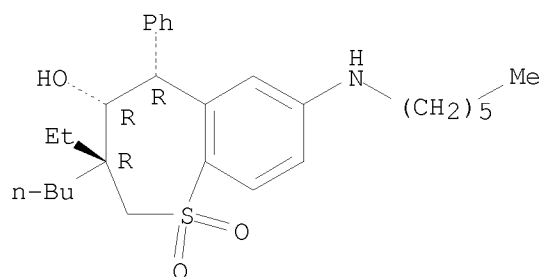
RN 178678-44-9 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 178678-45-0 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

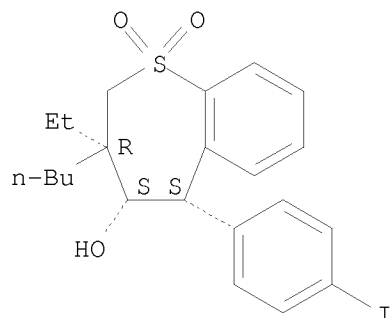
Relative stereochemistry.



RN 178678-46-1 CAPLUS
CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-(4-iodophenyl)-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

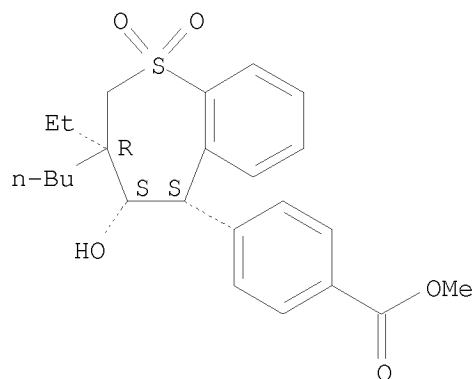
10/590,458



RN 178678-47-2 CAPLUS

CN Benzoic acid, 4-[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-, methyl ester, rel- (CA INDEX NAME)

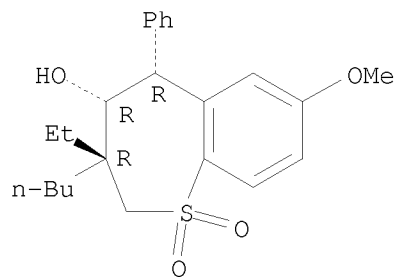
Relative stereochemistry.



RN 178678-48-3 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

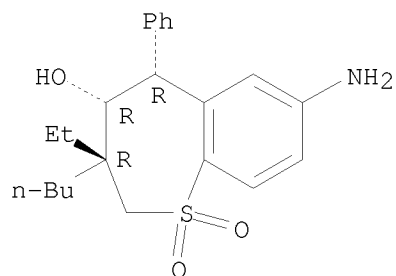


RN 178678-54-1 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

10/590,458

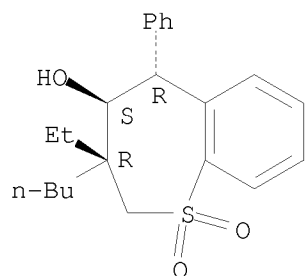
Relative stereochemistry.



RN 178897-95-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5R)-rel- (CA INDEX NAME)

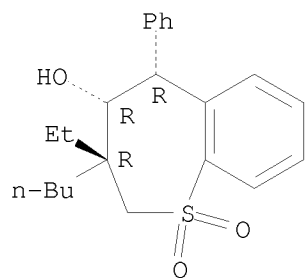
Relative stereochemistry.



RN 178897-96-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.

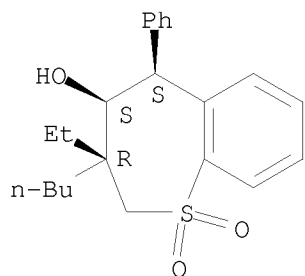


RN 178897-97-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

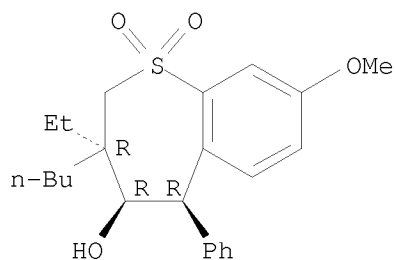
10/590,458



RN 178898-00-5 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-8-methoxy-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

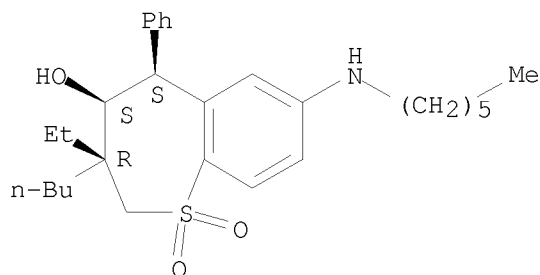
Relative stereochemistry.



RN 178898-01-6 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-7-(hexylamino)-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

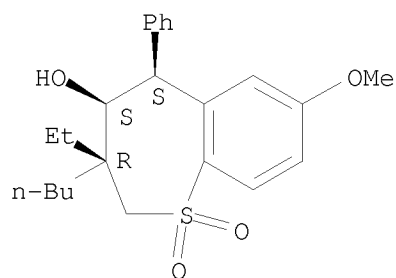


RN 178898-02-7 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-methoxy-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

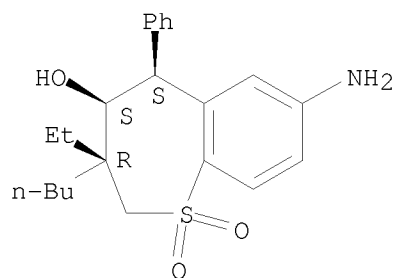
10/590,458



RN 178898-04-9 CAPLUS

CN 1-Benzothiepin-4-ol, 7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)

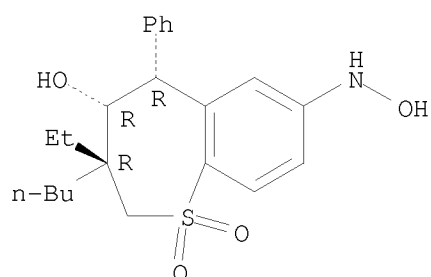
Relative stereochemistry.



RN 178898-05-0 CAPLUS

CN 1-Benzothiepin-4-ol, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-7-(hydroxyamino)-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)

Relative stereochemistry.



OS.CITING REF COUNT:	14	THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (20 CITINGS)
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/590,458

=> => d his

(FILE 'HOME' ENTERED AT 13:29:27 ON 27 OCT 2009)

FILE 'REGISTRY' ENTERED AT 13:29:38 ON 27 OCT 2009

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 STRUCTURE UPLOADED
L4 50 S L3
L5 SCREEN 2040
L6 STRUCTURE UPLOADED
L7 QUE L6 AND L5
L8 49 S L7
L9 2799 S L3 SSS FUL
L10 1018 S L7 SUB=L9 FUL
L11 1781 S L9 NOT L10
L12 526 S L10 AND CAPLUS/LC
L13 1747 S L11 AND CAPLUS/LC

FILE 'CAPLUS' ENTERED AT 13:36:47 ON 27 OCT 2009

L14 30 S L10
L15 31 S L11
L16 46 S L14 OR L15
L17 45 S L16 NOT (2009/SO OR 2008/SO OR 2007/SO OR 2006/SO)

FILE 'REGISTRY' ENTERED AT 13:48:32 ON 27 OCT 2009

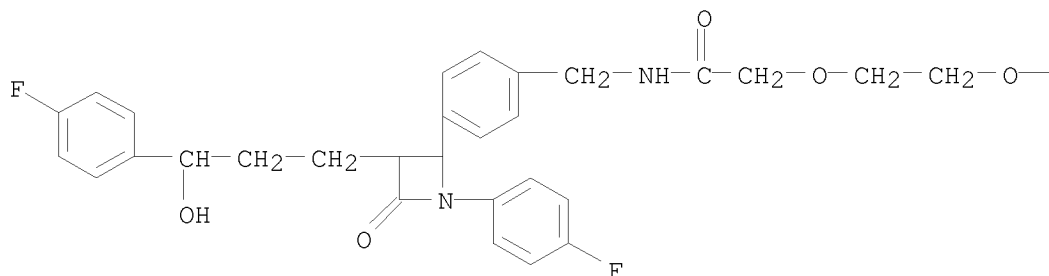
L18 492 S L10 NOT L12
L19 34 S L11 NOT L13

=> d 119 34

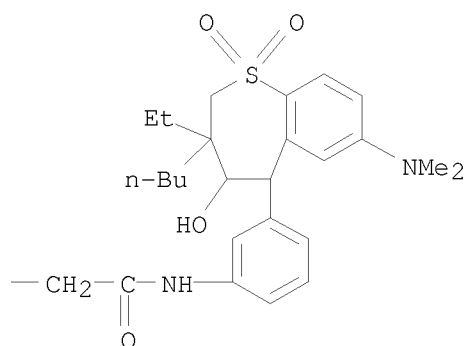
10/590,458

L19 ANSWER 34 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439113-95-8 REGISTRY
ED Entered STN: 17 Jul 2002
CN Acetamide, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-2-oxoethoxy]ethoxy]-N-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA INDEX NAME)
MF C55 H64 F2 N4 O9 S
CI COM
SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 30 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-05-3 REGISTRY

ED Entered STN: 17 Jul 2002

CN Dodecanediamide, N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N12-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

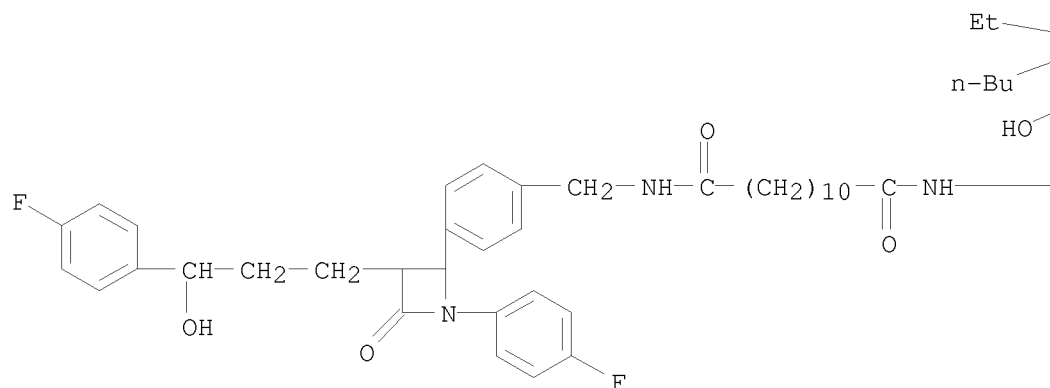
CN Dodecanediamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (9CI)

MF C61 H76 F2 N4 O7 S

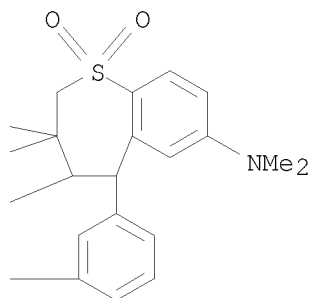
CI COM

SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L19 ANSWER 31 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-02-0 REGISTRY

ED Entered STN: 17 Jul 2002

CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidinyl]phenyl]-11-oxo- (CA INDEX NAME)

OTHER CA INDEX NAMES:

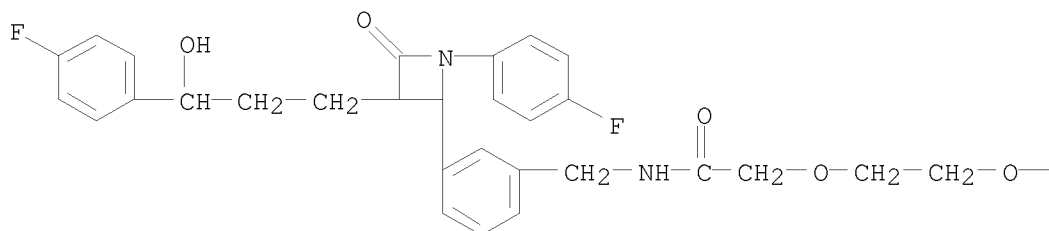
CN 5,8,11-Trioxa-2-azatridecan-13-amide,
N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-1-[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidinyl]phenyl]-3-oxo- (9CI)

MF C57 H68 F2 N4 O10 S

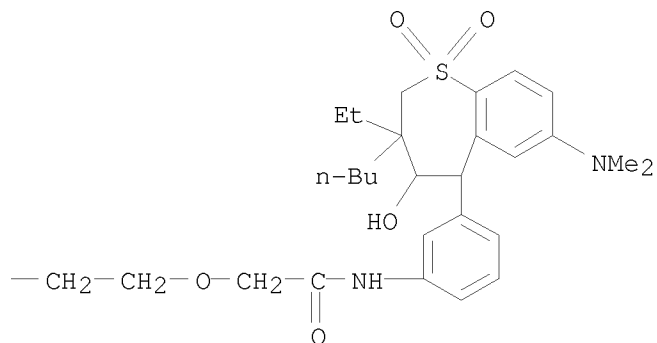
CI COM

SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 32 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-00-8 REGISTRY

ED Entered STN: 17 Jul 2002

CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]-11-oxo- (CA INDEX NAME)

OTHER CA INDEX NAMES:

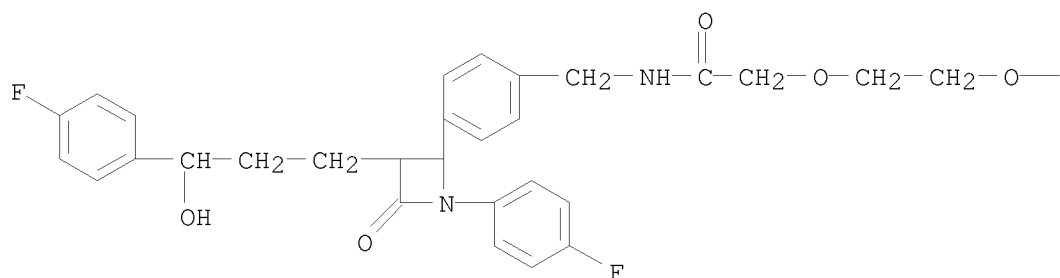
CN 5,8,11-Trioxa-2-azatridecan-13-amide,
N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-1-[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]-3-oxo- (9CI)

MF C57 H68 F2 N4 O10 S

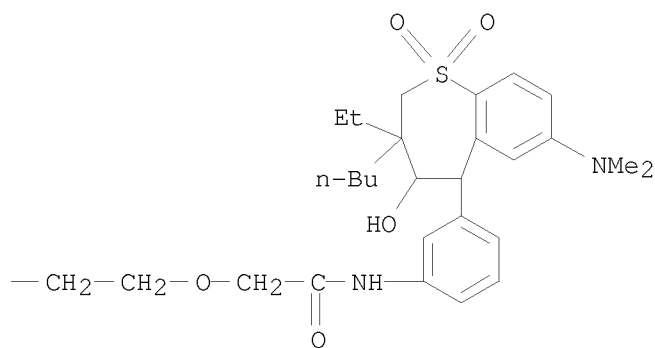
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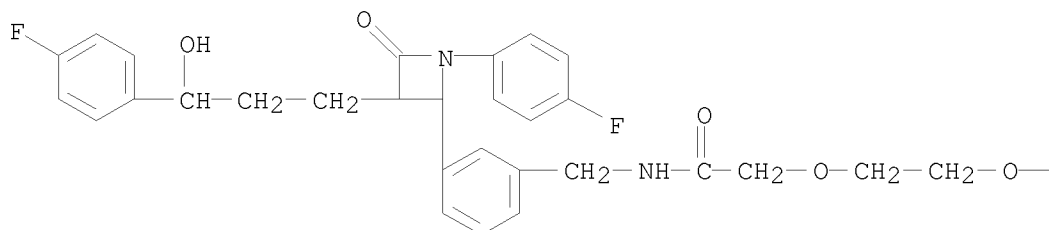
10/590,458

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

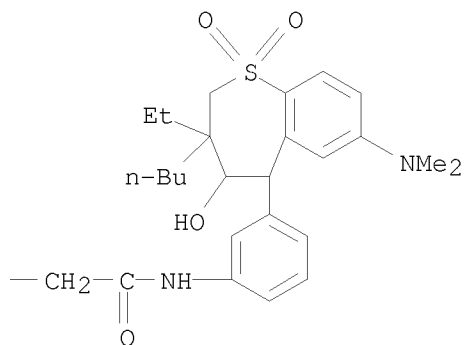
10/590,458

L19 ANSWER 33 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439113-97-0 REGISTRY
ED Entered STN: 17 Jul 2002
CN Acetamide, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-2-oxoethoxy]ethoxy]-N-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA INDEX NAME)
MF C55 H64 F2 N4 O9 S
CI COM
SR CA

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L19 ANSWER 26 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-19-9 REGISTRY

ED Entered STN: 17 Jul 2002

CN 4,7,10,13,16,19,22-Heptaioxapentacosanedi-
amide,
N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-1-benzothiepin-5-yl]phenyl]-N25-[3-[1-(4-fluorophenyl)-3-[3-(4-
fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA
INDEX NAME)

OTHER CA INDEX NAMES:

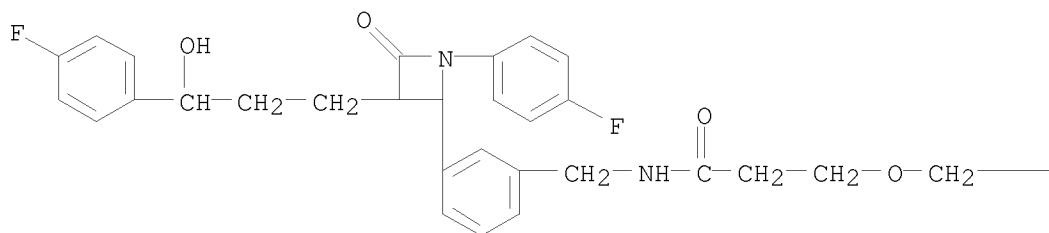
CN 4,7,10,13,16,19,22-Heptaioxapentacosanedi-
amide,
N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-1-benzothiepin-5-yl]phenyl]-N'-[3-[1-(4-fluorophenyl)-3-[3-(4-
fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (9CI)

MF C67 H88 F2 N4 O14 S

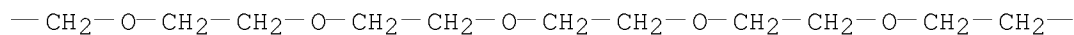
CI COM

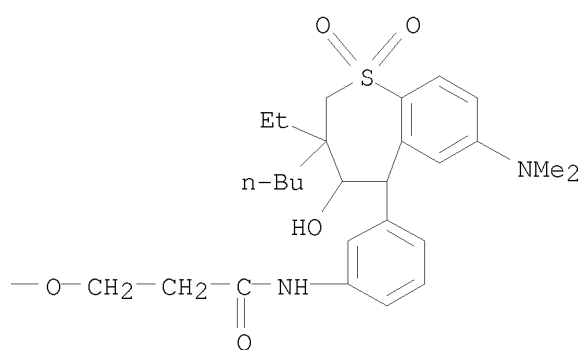
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L19 ANSWER 27 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-15-5 REGISTRY

ED Entered STN: 17 Jul 2002

CN 4,7,10,13,16-Pentaoxanonadecanedi-
amide,
N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-1-benzothiepin-5-yl]phenyl]-N19-[3-[1-(4-fluorophenyl)-3-[3-(4-
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INDEX NAME)

OTHER CA INDEX NAMES:

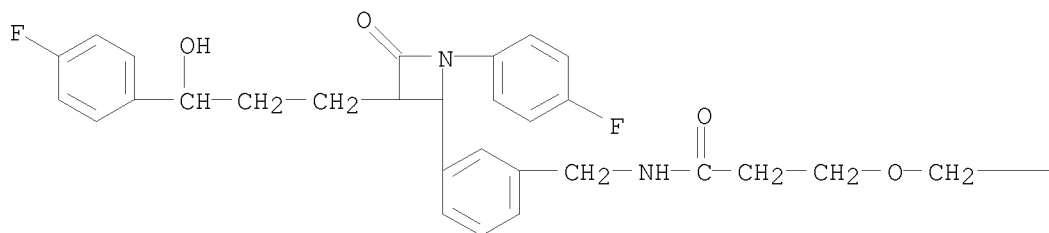
CN 4,7,10,13,16-Pentaoxanonadecanedi-
amide,
N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-1-benzothiepin-5-yl]phenyl]-N'-[3-[1-(4-fluorophenyl)-3-[3-(4-
fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (9CI)

MF C63 H80 F2 N4 O12 S

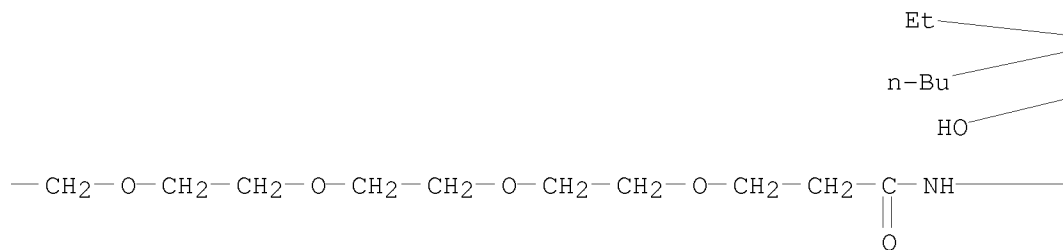
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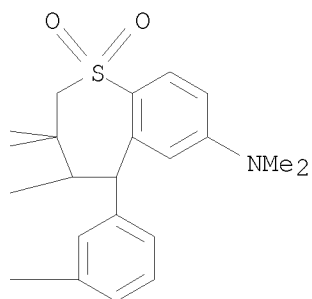
SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 28 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-10-0 REGISTRY

ED Entered STN: 17 Jul 2002

CN 3,6,9-Trioxa-12-azatridecanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-13-[4-[3-(3-hydroxy-3-phenylpropyl)-2-(4-methoxyphenyl)-4-oxo-1-azetidiny]phenyl]-11-oxo- (CA INDEX NAME)

OTHER CA INDEX NAMES:

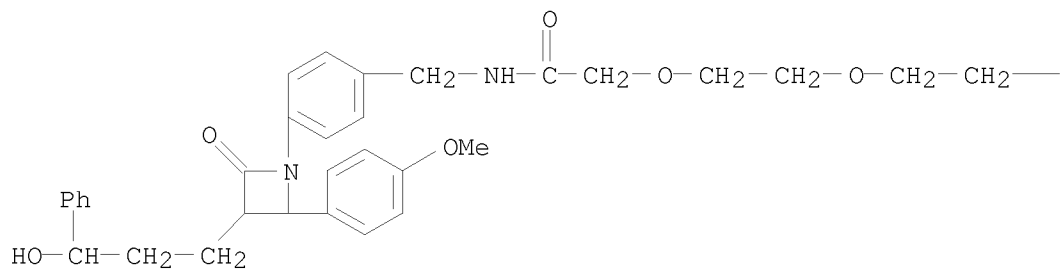
CN 5,8,11-Trioxa-2-azatridecan-13-amide,
N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-1-[4-[3-(3-hydroxy-3-phenylpropyl)-2-(4-methoxyphenyl)-4-oxo-1-azetidiny]phenyl]-3-oxo- (9CI)

MF C58 H72 N4 O11 S

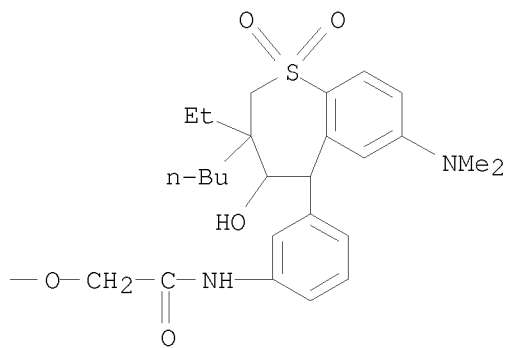
CI COM

SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L19 ANSWER 29 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-07-5 REGISTRY

ED Entered STN: 17 Jul 2002

CN Dodecanediamide, N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N12-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

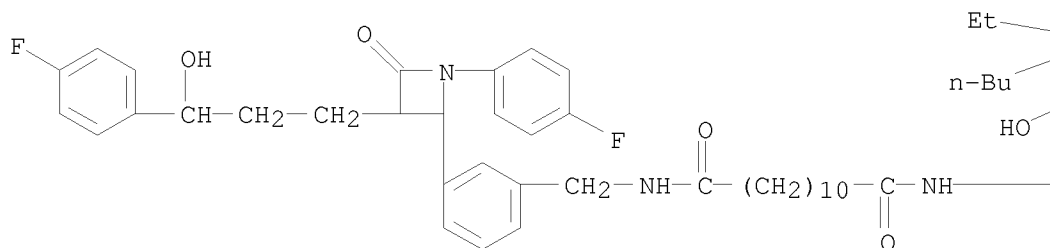
CN Dodecanediamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-N'-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (9CI)

MF C61 H76 F2 N4 O7 S

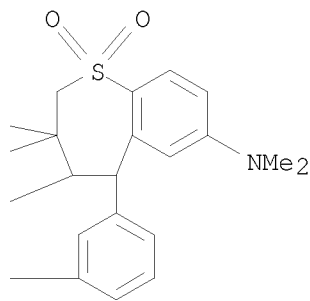
CI COM

SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/590,458

L19 ANSWER 22 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-33-7 REGISTRY

ED Entered STN: 17 Jul 2002

CN Acetic acid, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]- (CA INDEX NAME)

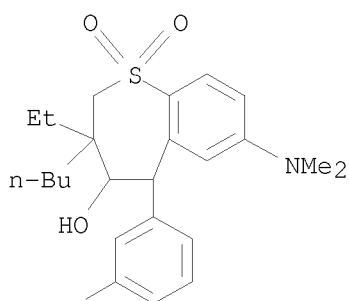
OTHER CA INDEX NAMES:

CN Acetic acid, [2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]- (9CI)

MF C30 H44 N2 O7 S

CI COM

SR CA



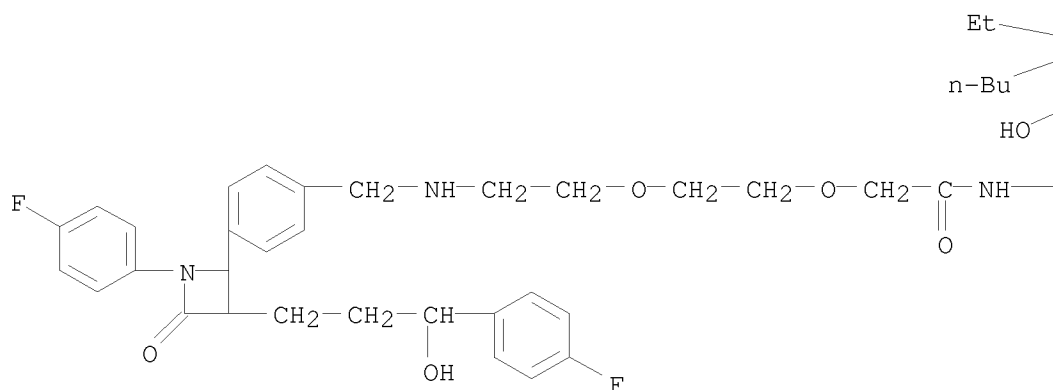
HO₂C-CH₂-O-CH₂-CH₂-O-CH₂-CH₂-NH

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

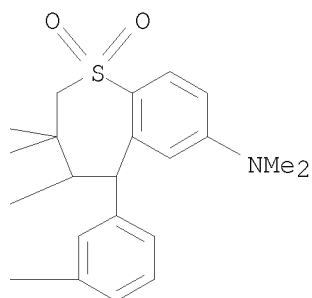
10/590,458

L19 ANSWER 23 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439114-28-0 REGISTRY
ED Entered STN: 17 Jul 2002
CN Acetamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-2-[2-[2-[[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]amino]ethoxy]ethoxy]- (CA INDEX NAME)
MF C55 H66 F2 N4 O8 S
CI COM
SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/590,458

L19 ANSWER 24 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-25-7 REGISTRY

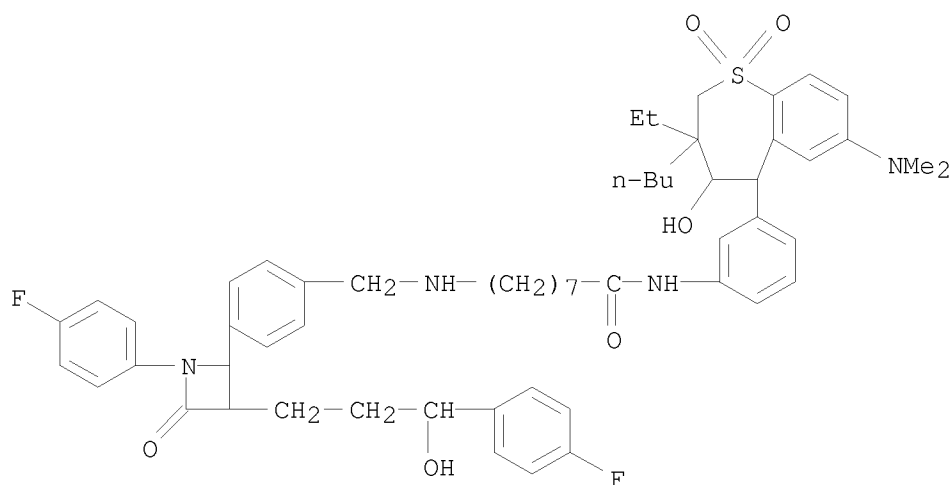
ED Entered STN: 17 Jul 2002

CN Octanamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-8-[[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]amino]- (CA INDEX NAME)

MF C57 H70 F2 N4 O6 S

CI COM

SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 25 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN

RN 439114-21-3 REGISTRY

ED Entered STN: 17 Jul 2002

CN 4,7,10,13,16-Pentaoxanonadecanedi-
 amide,
 N1-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
 dioxido-1-benzothiepin-5-yl]phenyl]-N19-[4-[1-(4-fluorophenyl)-3-[3-(4-
 fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA
 INDEX NAME)

OTHER CA INDEX NAMES:

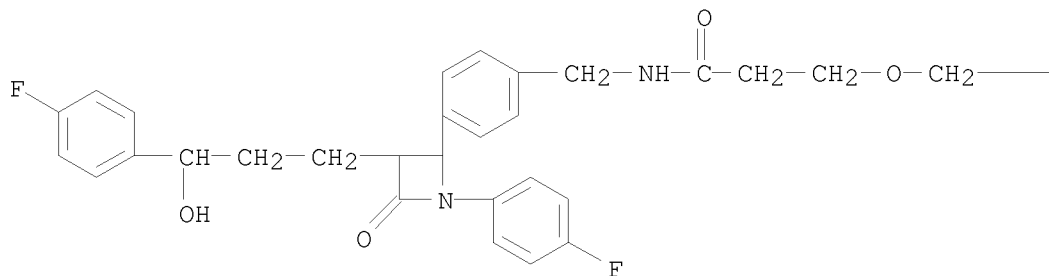
CN 4,7,10,13,16-Pentaoxanonadecanedi-
 amide,
 N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-
 dioxido-1-benzothiepin-5-yl]phenyl]-N'-[[4-[1-(4-fluorophenyl)-3-[3-(4-
 fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (9CI)

MF C63 H80 F2 N4 O12 S

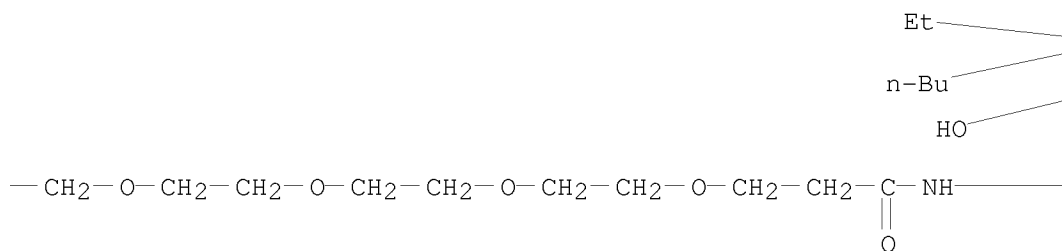
CI COM

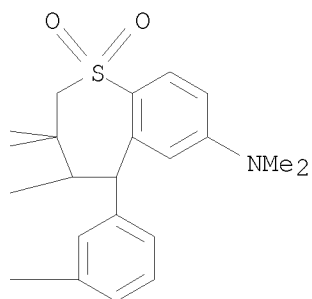
SR CA

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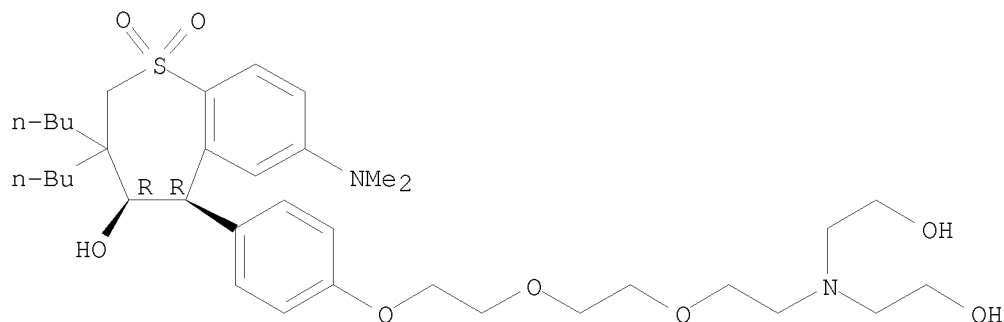


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/590,458

L19 ANSWER 18 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN
RN 865650-65-3 REGISTRY
ED Entered STN: 19 Oct 2005
CN 1-Benzothiepin-4-ol, 5-[4-[2-[2-[2-[bis(2-hydroxyethyl)amino]ethoxy]ethoxy]ethoxy]phenyl]-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-, 1,1-dioxide, (4R,5R)- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H58 N2 O8 S
CI COM
SR CA

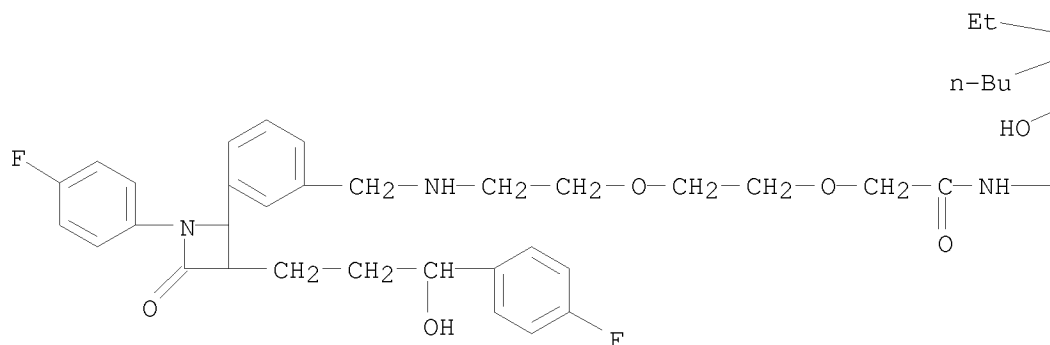
Absolute stereochemistry.



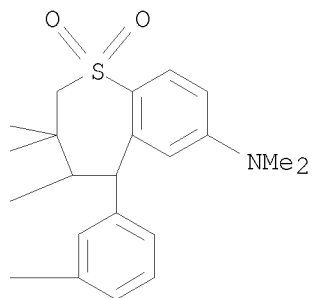
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 19 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439120-24-8 REGISTRY
ED Entered STN: 17 Jul 2002
CN Acetamide, N-[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]-2-[2-[2-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]amino]ethoxy]ethoxy]- (CA INDEX NAME)
MF C55 H66 F2 N4 O8 S
CI COM
SR CA

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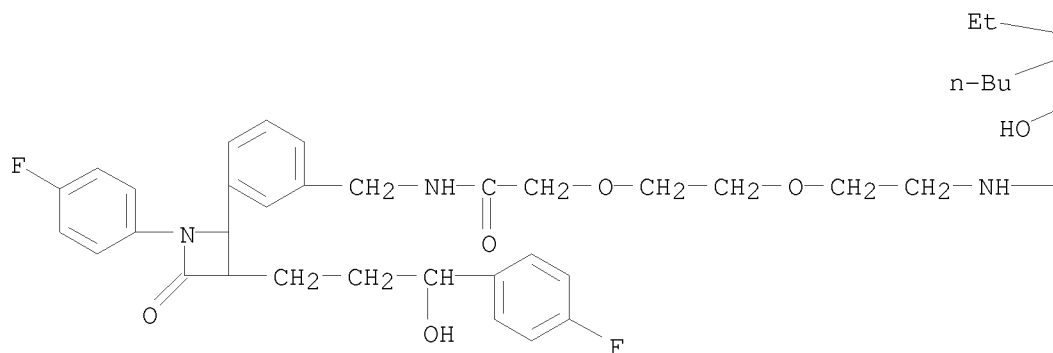


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

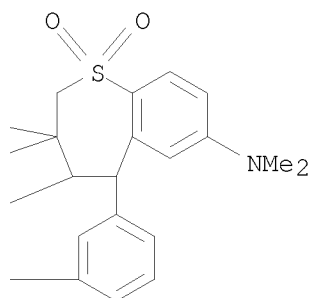
10/590,458

L19 ANSWER 20 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN
RN 439114-37-1 REGISTRY
ED Entered STN: 17 Jul 2002
CN Acetamide, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]-N-[[3-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]]- (CA INDEX NAME)
MF C55 H66 F2 N4 O8 S
CI COM
SR CA

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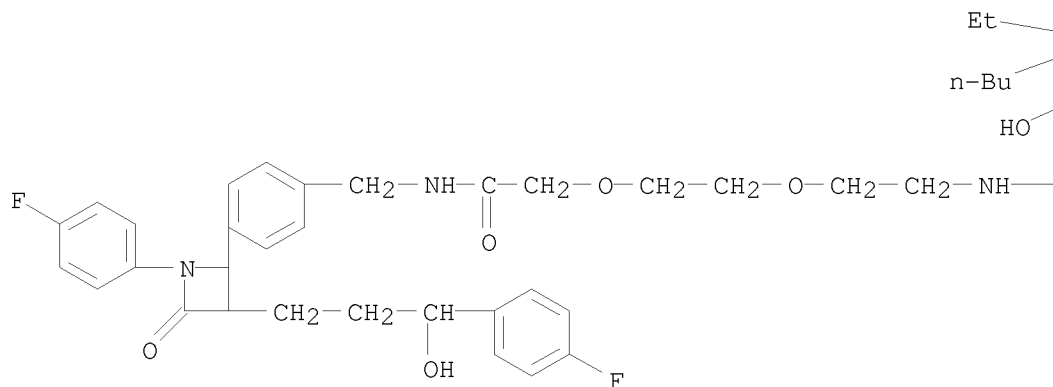
PAGE 1-B



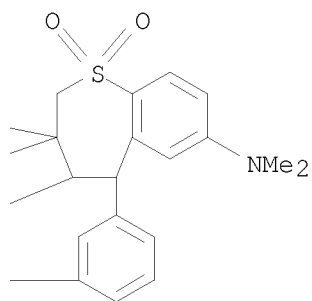
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 21 OF 34 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 439114-35-9 REGISTRY
 ED Entered STN: 17 Jul 2002
 CN Acetamide, 2-[2-[2-[[3-[3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]ethoxy]ethoxy]-N-[[4-[1-(4-fluorophenyl)-3-[3-(4-fluorophenyl)-3-hydroxypropyl]-4-oxo-2-azetidiny]phenyl]methyl]- (CA INDEX NAME)
 MF C55 H66 F2 N4 O8 S
 CI COM
 SR CA

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/590,458

L18 ANSWER 492 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197373-65-2 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1-Pentaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Pentaminium, 5-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, cis- (9CI)

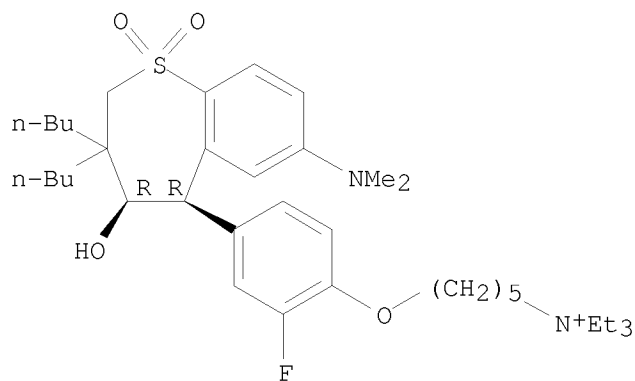
FS STEREOSEARCH

MF C37 H60 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 488 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197374-05-3 REGISTRY

ED Entered STN: 14 Nov 1997

CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, 2-[2-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N,N,N-triethyl-, cis- (9CI)

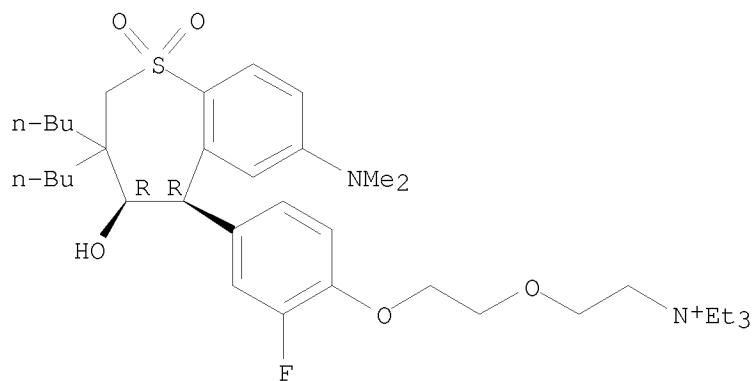
FS STEREOSEARCH

MF C36 H58 F N2 O5 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 489 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197373-92-5 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1-Pentanaminium, 5-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Pentanaminium, 5-[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, cis- (9CI)

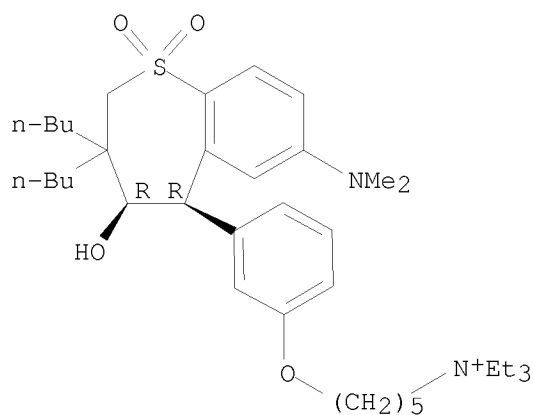
FS STEREOSEARCH

MF C37 H61 N2 O4 S

CI COM

SR CA

Relative stereochemistry.



L18 ANSWER 490 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197373-89-0 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1-Butanaminium, 4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Butanaminium, 4-[4-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]-N,N,N-triethyl-, cis- (9CI)

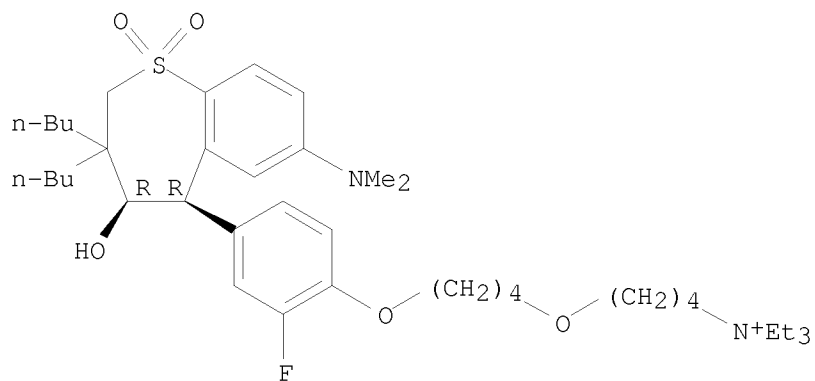
FS STEREOSEARCH

MF C40 H66 F N2 O5 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 491 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197373-74-3 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyridinium, 1-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 1-[4-[4-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butyl]-, cis- (9CI)

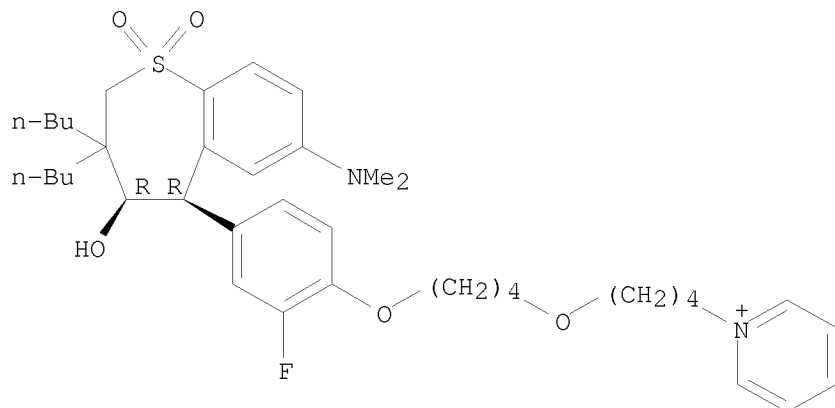
FS STEREOSEARCH

MF C39 H56 F N2 O5 S

CI COM

SR CA

Relative stereochemistry.



L18 ANSWER 484 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197374-33-7 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1H-Imidazolium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Imidazolium, 1-[2-[2-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-3-ethyl-, cis- (9CI)

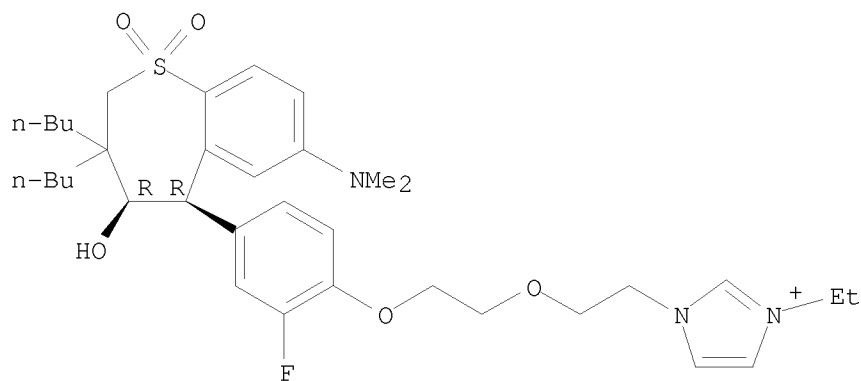
FS STEREOSEARCH

MF C35 H51 F N3 O5 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 485 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197374-15-5 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-4-(dimethylamino)-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 1-[3-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-4-(dimethylamino)-, cis- (9CI)

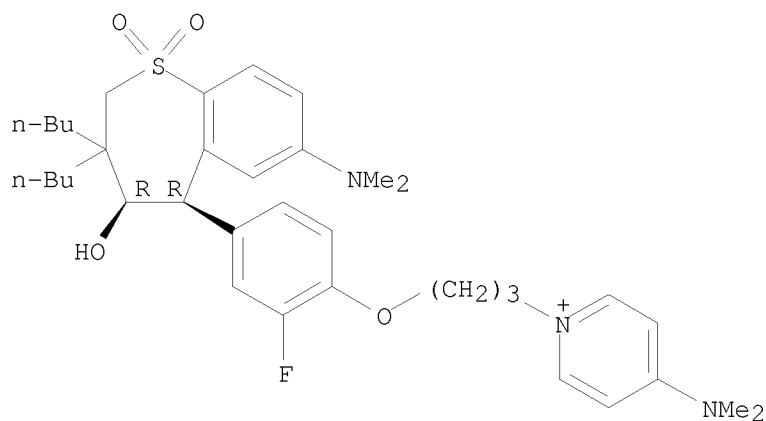
FS STEREOSEARCH

MF C36 H51 F N3 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 486 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197374-12-2 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 4-[[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, cis- (9CI)

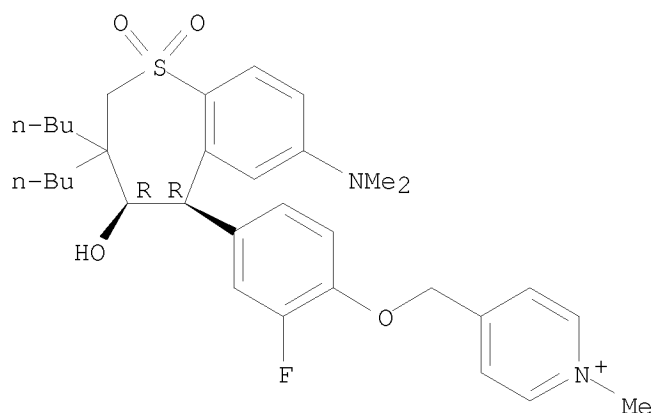
FS STEREOSEARCH

MF C33 H44 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 487 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197374-07-5 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1-Octanaminium, 8-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Octanaminium, 8-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, cis- (9CI)

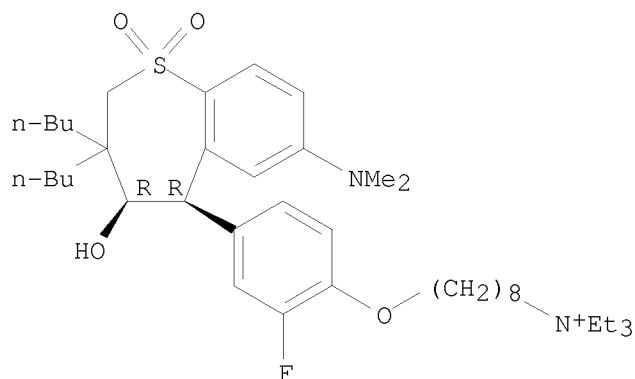
FS STEREOSEARCH

MF C40 H66 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 476 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197377-44-9 REGISTRY

ED Entered STN: 14 Nov 1997

CN 2-Butyn-1-aminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Butyn-1-aminium, 4-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, cis- (9CI)

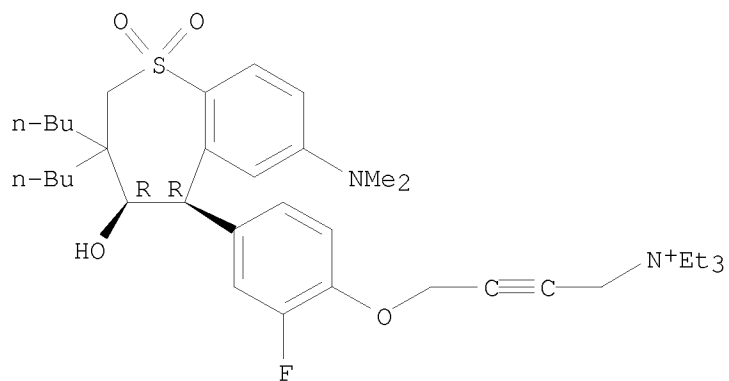
FS STEREOSEARCH

MF C36 H54 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



L18 ANSWER 477 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197377-41-6 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyrrolidinium, 1-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-1-ethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyrrolidinium, 1-[2-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethyl]-1-ethyl-, cis- (9CI)

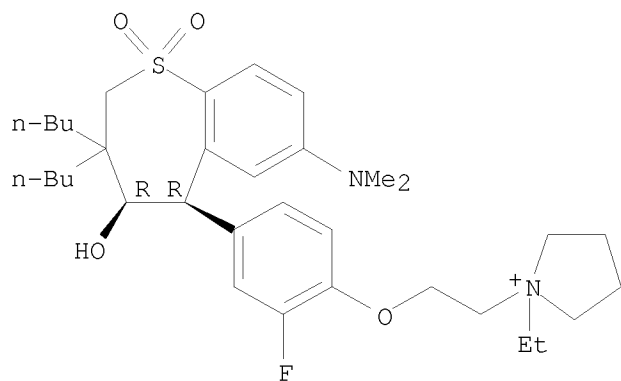
FS STEREOSEARCH

MF C34 H52 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 478 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197377-15-4 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyridinium, 2-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 2-[[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-methyl-, cis- (9CI)

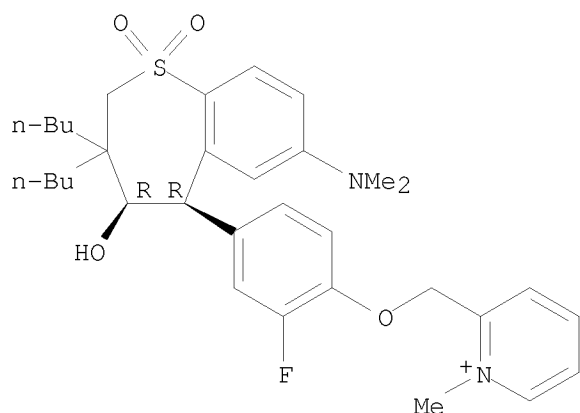
FS STEREOSEARCH

MF C33 H44 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 479 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197377-13-2 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-2-(3-hydroxypropyl)-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 1-[3-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-2-(3-hydroxypropyl)-, cis- (9CI)

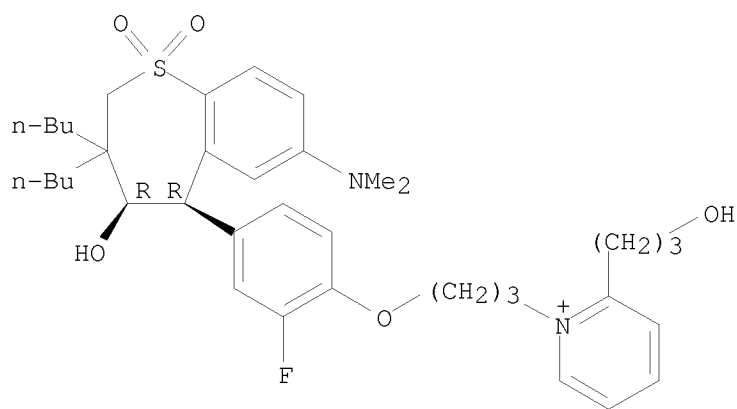
FS STEREOSEARCH

MF C37 H52 F N2 O5 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 480 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197377-08-5 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, cis- (9CI)

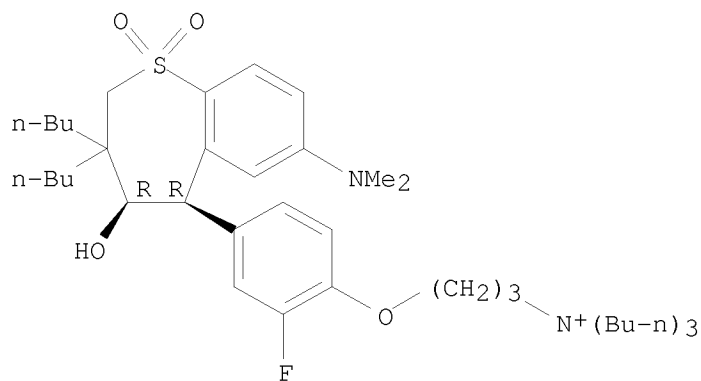
FS STEREOSEARCH

MF C41 H68 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 481 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197376-51-5 REGISTRY

ED Entered STN: 14 Nov 1997

CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(2-hydroxyethyl)-N,N-dimethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenemethanaminium, 4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-(2-hydroxyethyl)-N,N-dimethyl-, cis- (9CI)

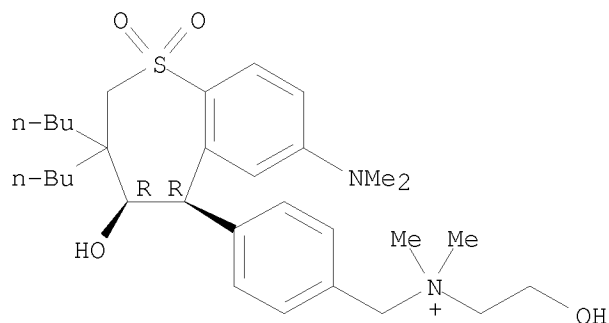
FS STEREOSEARCH

MF C31 H49 N2 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 482 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197374-70-2 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyridinium, 4-(2-carboxyethyl)-1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 4-(2-carboxyethyl)-1-[3-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, cis- (9CI)

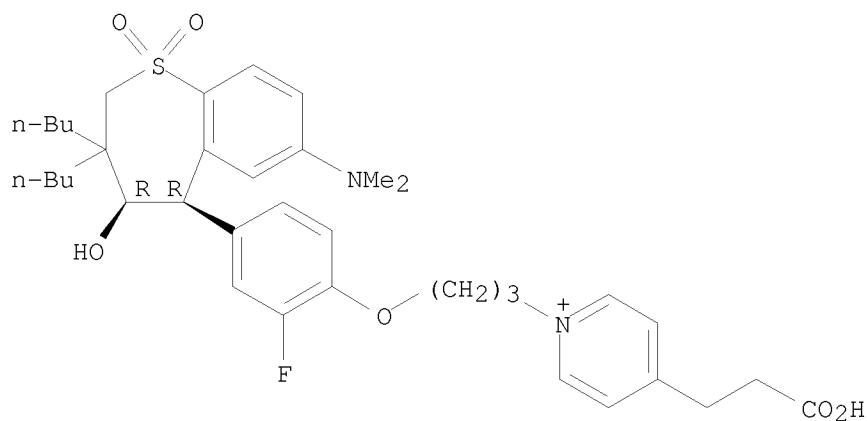
FS STEREOSEARCH

MF C37 H50 F N2 O6 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 483 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197374-61-1 REGISTRY

ED Entered STN: 14 Nov 1997

CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-(dimethylamino)-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 1-[2-[2-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-(dimethylamino)-, cis- (9CI)

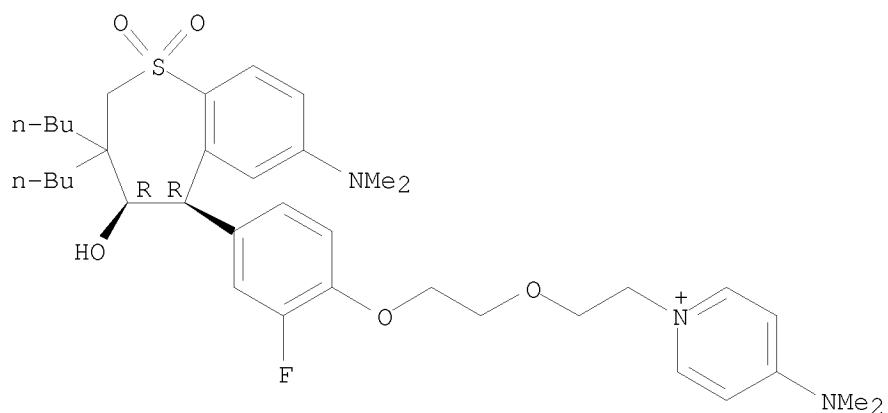
FS STEREOSEARCH

MF C37 H53 F N3 O5 S

CI COM

SR CA

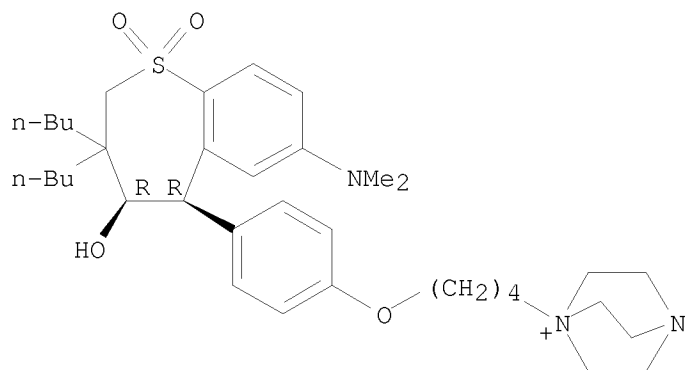
Relative stereochemistry.



10/590,458

L18 ANSWER 468 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 280105-81-9 REGISTRY
ED Entered STN: 25 Jul 2000
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-, rel- (CA INDEX
NAME)
FS STEREOSEARCH
MF C36 H56 N3 O4 S
CI COM
SR CA

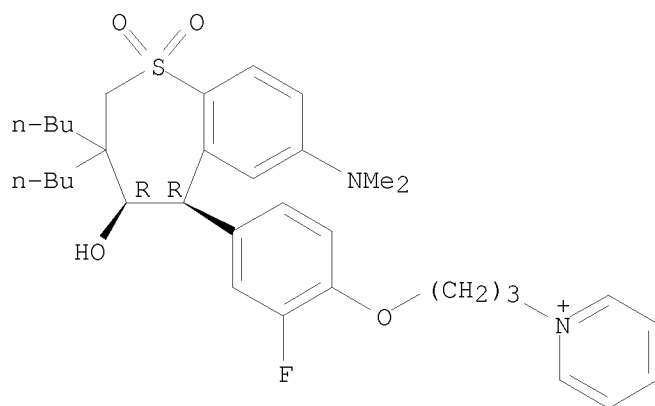
Relative stereochemistry.



10/590,458

L18 ANSWER 469 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 213313-04-3 REGISTRY
ED Entered STN: 28 Oct 1998
CN Pyridinium, 1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]propyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H46 F N2 O4 S
CI COM
SR CA

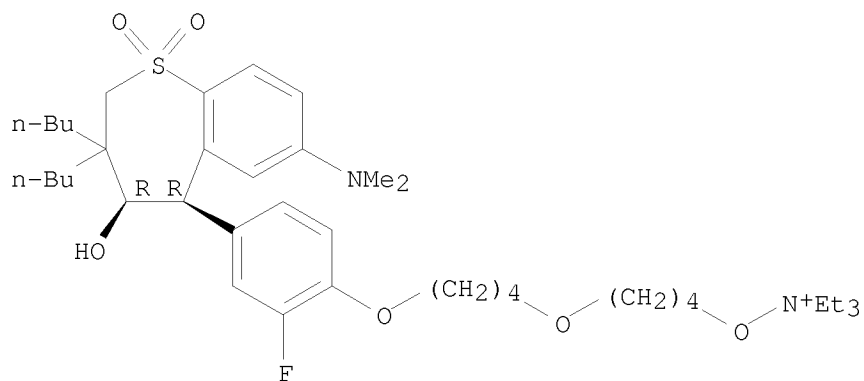
Relative stereochemistry.



10/590,458

L18 ANSWER 470 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 213312-91-5 REGISTRY
ED Entered STN: 28 Oct 1998
CN Ethanaminium, N-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butoxy]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H66 F N2 O6 S
CI COM
SR CA

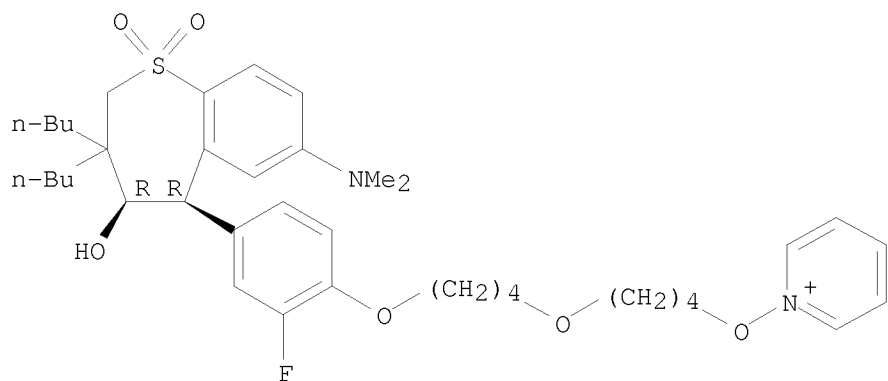
Relative stereochemistry.



10/590,458

L18 ANSWER 471 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 213312-88-0 REGISTRY
ED Entered STN: 28 Oct 1998
CN Pyridinium, 1-[4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butoxy]butoxy]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H56 F N2 O6 S
CI COM
SR CA

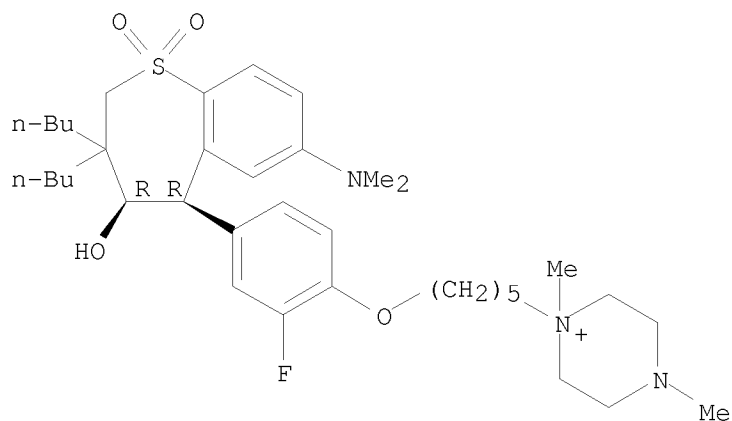
Relative stereochemistry.



10/590,458

L18 ANSWER 472 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 213312-85-7 REGISTRY
ED Entered STN: 28 Oct 1998
CN Piperazinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]pentyl]-1,4-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H59 F N3 O4 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 473 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197384-35-3 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1-Hexanaminium, 6-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-6-oxo-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Hexanaminium, 6-[[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-N,N,N-triethyl-6-oxo-, cis- (9CI)

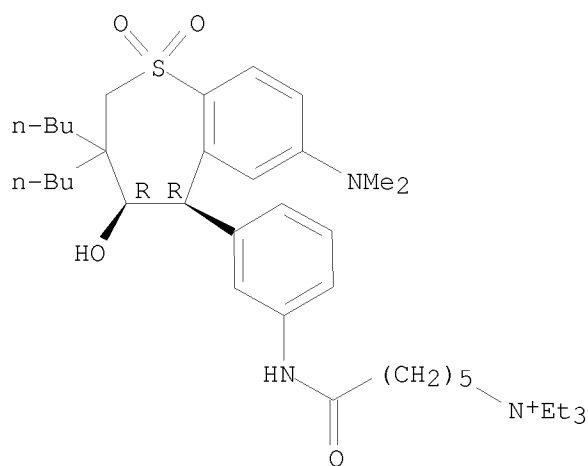
FS STEREOSEARCH

MF C38 H62 N3 O4 S

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 474 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197377-59-6 REGISTRY

ED Entered STN: 14 Nov 1997

CN 1-Hexanaminium, 6-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Hexanaminium, 6-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-triethyl-, cis- (9CI)

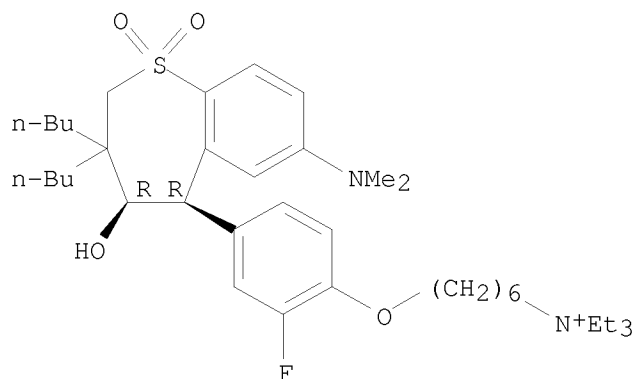
FS STEREOSEARCH

MF C38 H62 F N2 O4 S

CI COM

SR CA

Relative stereochemistry.



L18 ANSWER 475 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197377-56-3 REGISTRY

ED Entered STN: 14 Nov 1997

CN Benzenaminium, 2-[[10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]decyl]oxy]-N-ethyl-N,N-dimethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenaminium, 2-[[10-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]decyl]oxy]-N-ethyl-N,N-dimethyl-, cis- (9CI)

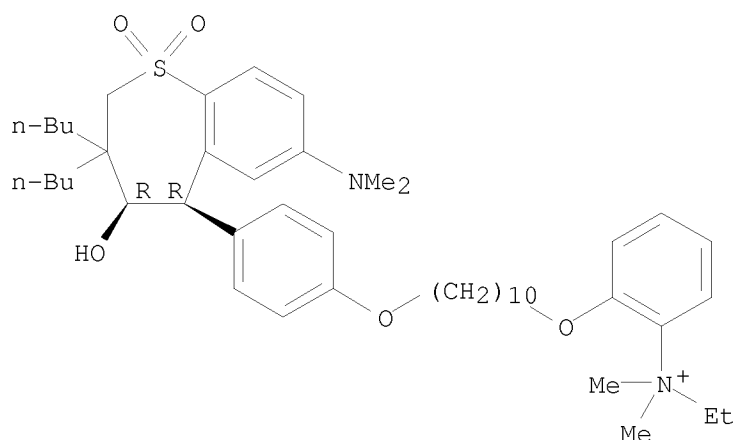
FS STEREOSEARCH

MF C46 H71 N2 O5 S

CI COM

SR CA

Relative stereochemistry.

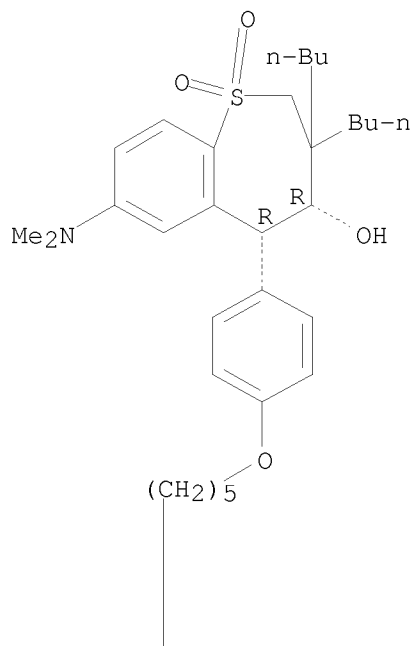


10/590,458

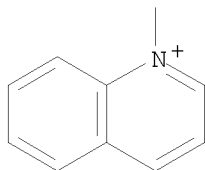
L18 ANSWER 460 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289037-73-6 REGISTRY
ED Entered STN: 14 Sep 2000
CN Quinolinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]- (CA
INDEX NAME)
FS STEREOSEARCH
MF C40 H53 N2 O4 S
CI COM
SR CA

Absolute stereochemistry.

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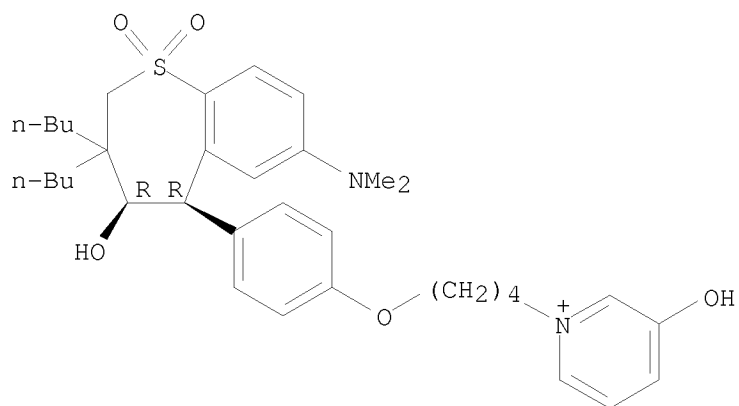
PAGE 2-A



10/590,458

L18 ANSWER 461 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289037-71-4 REGISTRY
ED Entered STN: 14 Sep 2000
CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-3-hydroxy- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H49 N2 O5 S
CI COM
SR CA

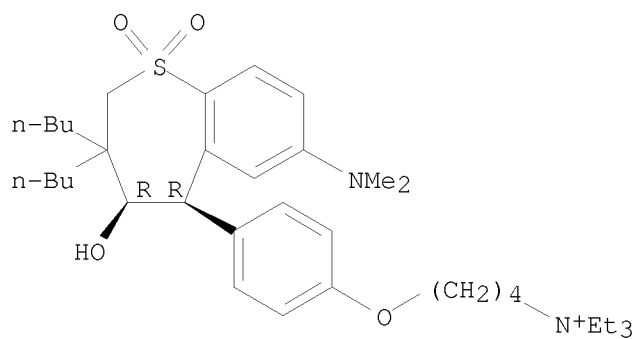
Absolute stereochemistry.



10/590,458

L18 ANSWER 462 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289037-69-0 REGISTRY
ED Entered STN: 14 Sep 2000
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H59 N2 O4 S
CI COM
SR CA

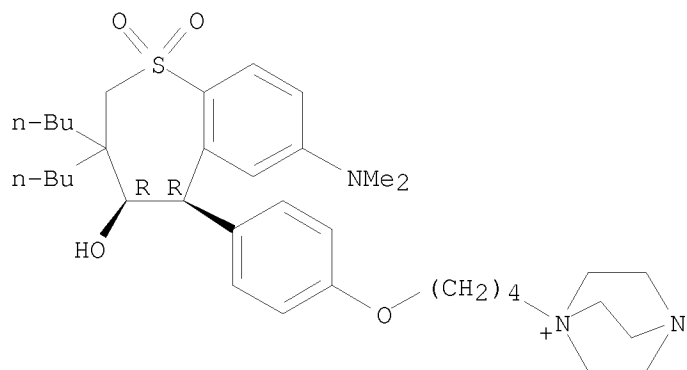
Absolute stereochemistry.



10/590,458

L18 ANSWER 463 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289037-66-7 REGISTRY
ED Entered STN: 14 Sep 2000
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H56 N3 O4 S
CI COM
SR CA
LC STN Files: PROUSDDR, SYNTHLINE

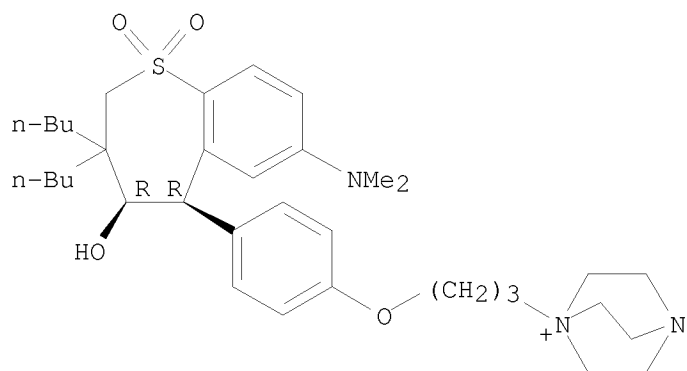
Absolute stereochemistry.



10/590,458

L18 ANSWER 464 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289037-63-4 REGISTRY
ED Entered STN: 14 Sep 2000
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H54 N3 O4 S
CI COM
SR CA

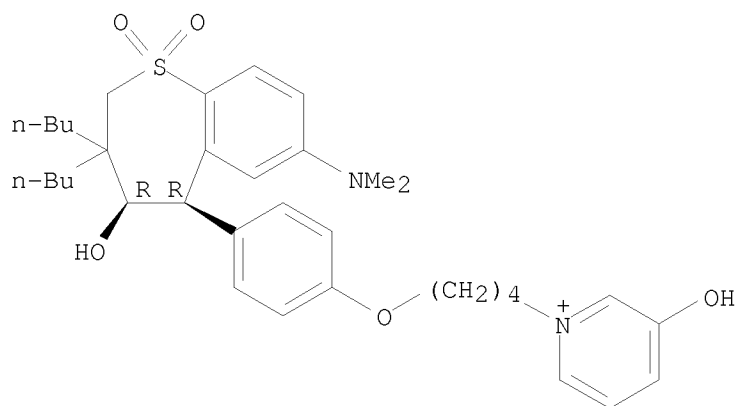
Absolute stereochemistry.



10/590,458

L18 ANSWER 465 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 280106-07-2 REGISTRY
ED Entered STN: 25 Jul 2000
CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-3-hydroxy-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H49 N2 O5 S
CI COM
SR CA

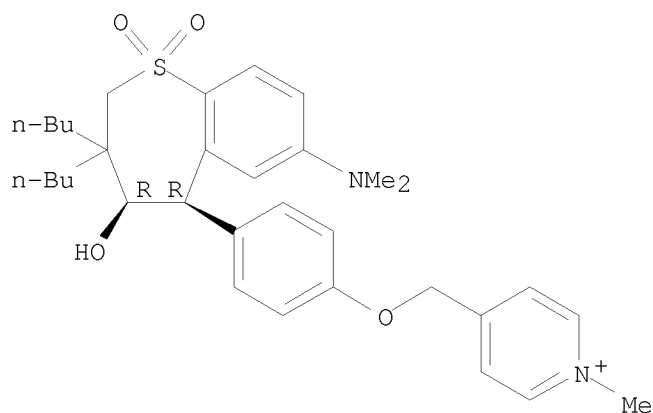
Relative stereochemistry.



10/590,458

L18 ANSWER 466 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 280105-93-3 REGISTRY
ED Entered STN: 25 Jul 2000
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H45 N2 O4 S
CI COM
SR CA

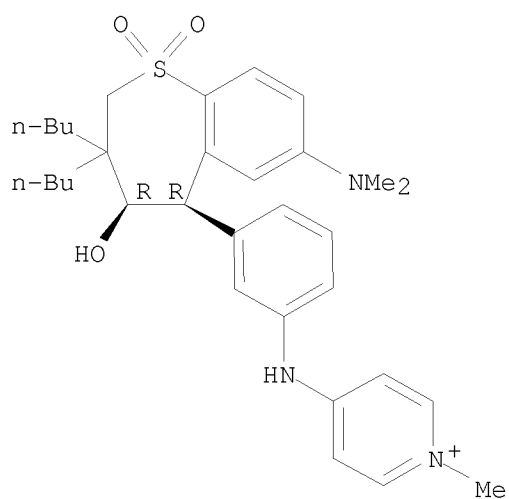
Relative stereochemistry.



10/590,458

L18 ANSWER 467 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 280105-87-5 REGISTRY
ED Entered STN: 25 Jul 2000
CN Pyridinium, 4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H44 N3 O3 S
CI COM
SR CA

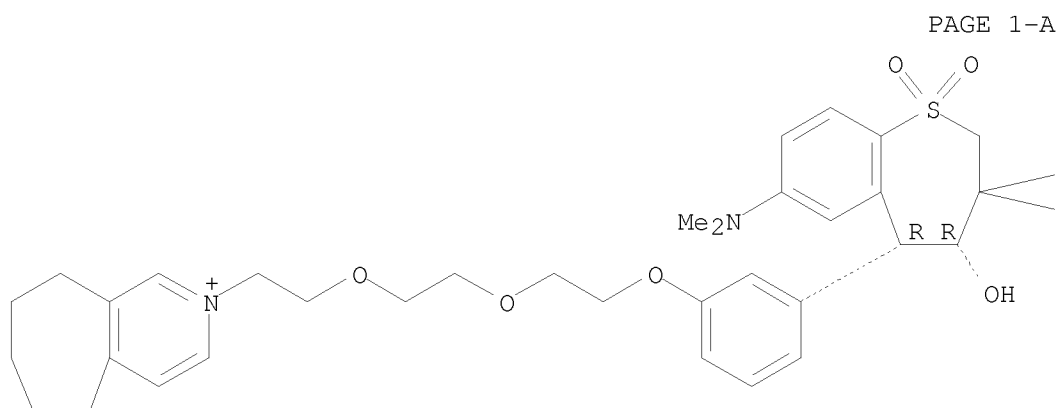
Relative stereochemistry.



10/590,458

L18 ANSWER 453 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 687627-83-4 REGISTRY
ED Entered STN: 31 May 2004
CN 5H-Cyclohepta[c]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H61 N2 O6 S
CI COM
SR CA

Relative stereochemistry.



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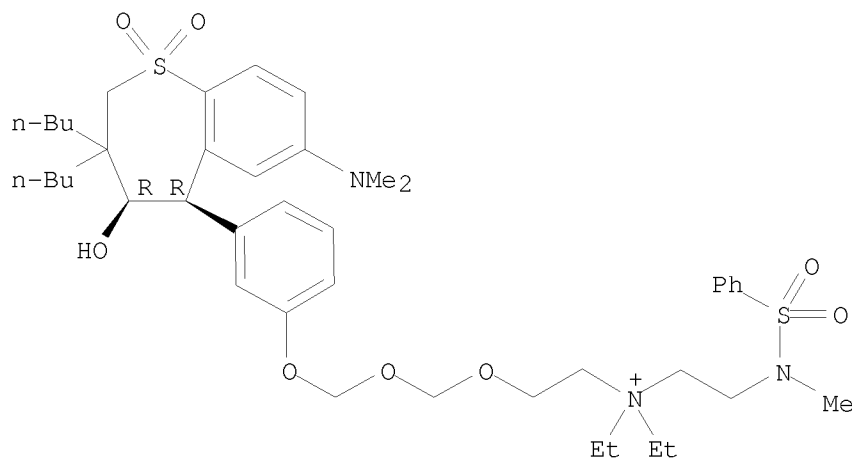
— Bu-n

— Bu-n

10/590,458

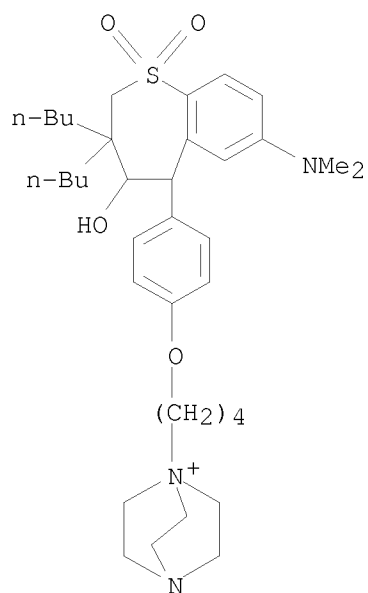
L18 ANSWER 454 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 682328-03-6 REGISTRY
ED Entered STN: 16 May 2004
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H66 N3 O8 S2
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 455 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 460041-91-2 REGISTRY
ED Entered STN: 09 Oct 2002
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[4-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-1-benzothiepin-5-yl]phenoxy]butyl]- (CA INDEX NAME)
MF C36 H56 N3 O4 S
CI COM
SR CA
LC STN Files: PROUSDDR, SYNTHLINE

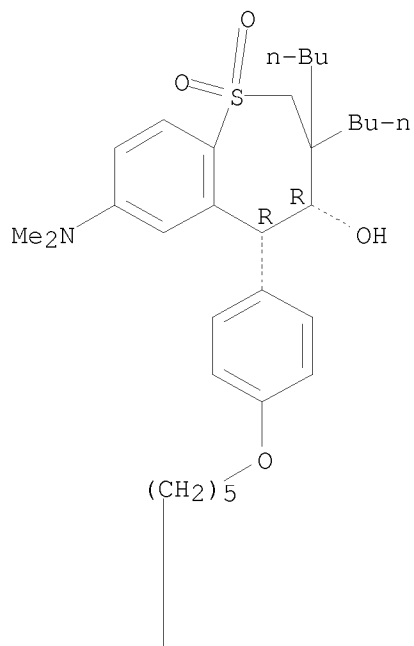


10/590,458

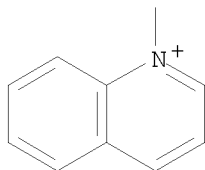
L18 ANSWER 456 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289039-94-7 REGISTRY
ED Entered STN: 14 Sep 2000
CN Quinolinium, 1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H53 N2 O4 S
CI COM
SR CA

Relative stereochemistry.

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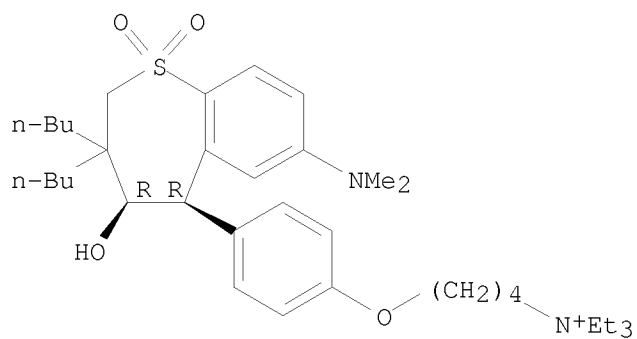
PAGE 2-A



10/590,458

L18 ANSWER 457 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289039-92-5 REGISTRY
ED Entered STN: 14 Sep 2000
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H59 N2 O4 S
CI COM
SR CA

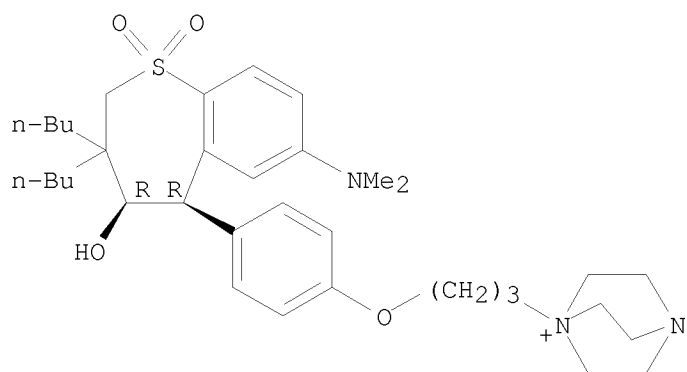
Relative stereochemistry.



10/590,458

L18 ANSWER 458 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289039-89-0 REGISTRY
ED Entered STN: 14 Sep 2000
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]propyl]-, rel- (CA INDEX
NAME)
FS STEREOSEARCH
MF C35 H54 N3 O4 S
CI COM
SR CA

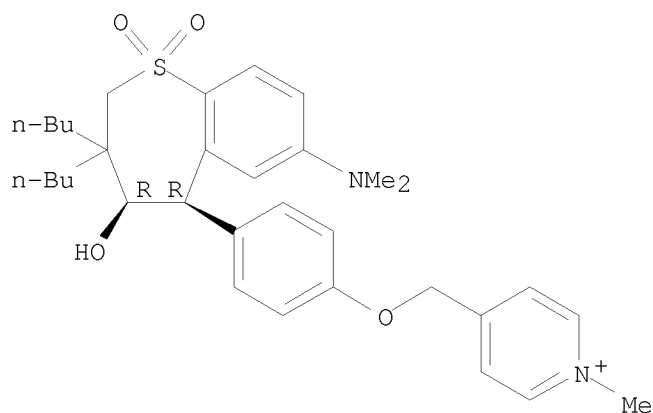
Relative stereochemistry.



10/590,458

L18 ANSWER 459 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 289037-89-4 REGISTRY
ED Entered STN: 14 Sep 2000
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]-1-methyl- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H45 N2 O4 S
CI COM
SR CA

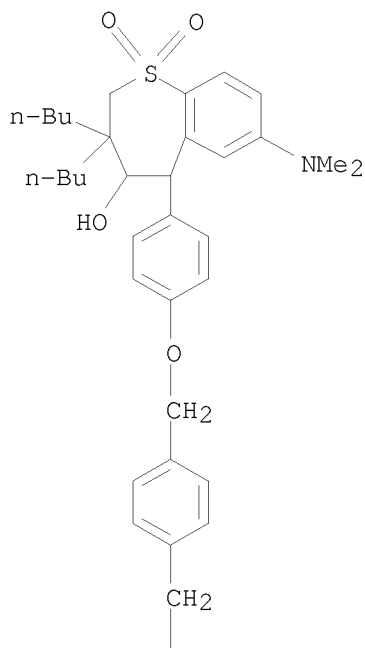
Absolute stereochemistry.



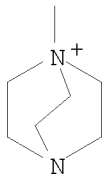
10/590,458

L18 ANSWER 452 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 688308-17-0 REGISTRY
ED Entered STN: 01 Jun 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-
dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]- (CA INDEX
NAME)
MF C40 H56 N3 O4 S
CI COM
SR CA

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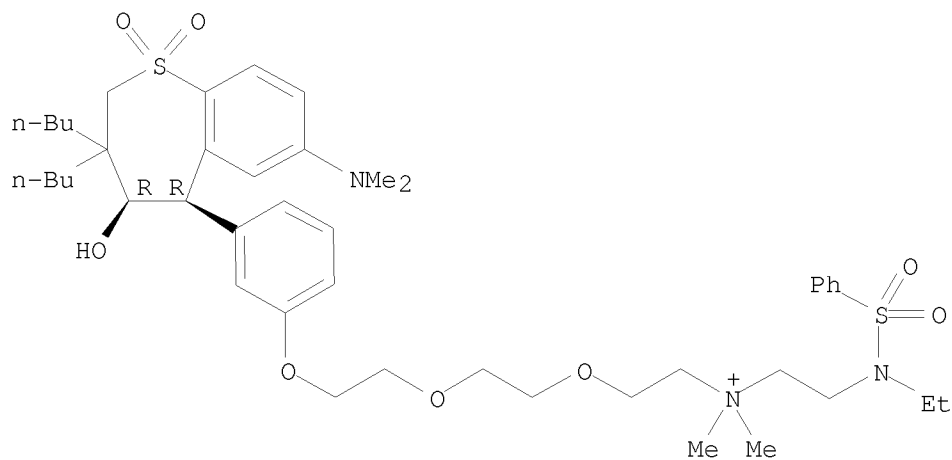
PAGE 2-A



10/590,458

L18 ANSWER 448 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 697735-42-5 REGISTRY
ED Entered STN: 22 Jun 2004
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(phenylsulfonyl)amino]-N,N-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H68 N3 O8 S2
CI COM
SR CA

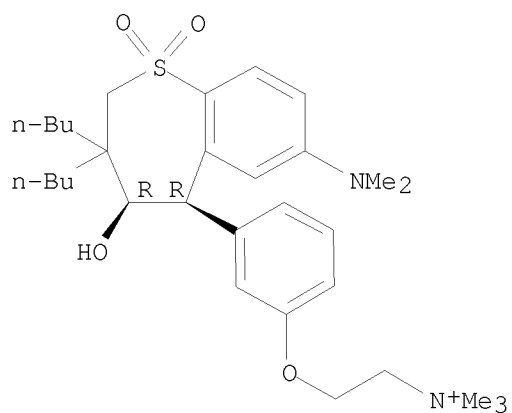
Relative stereochemistry.



10/590,458

L18 ANSWER 449 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 696582-51-1 REGISTRY
ED Entered STN: 20 Jun 2004
CN Ethanaminium, 2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H49 N2 O4 S
CI COM
SR CA

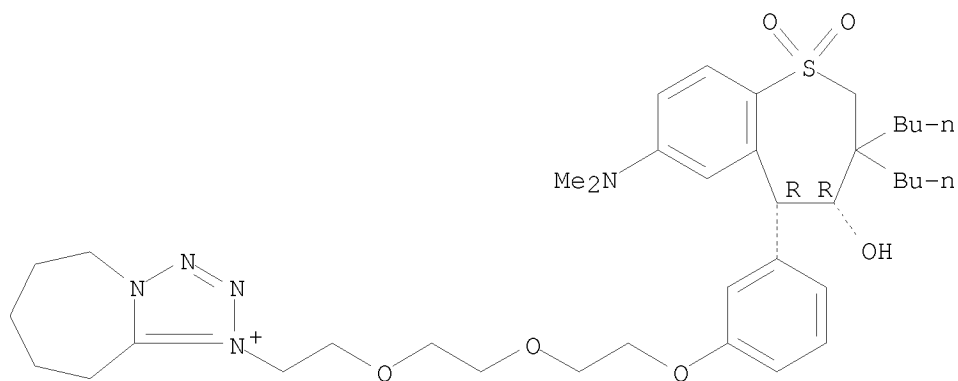
Relative stereochemistry.



10/590,458

L18 ANSWER 450 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 695813-09-3 REGISTRY
ED Entered STN: 18 Jun 2004
CN 5H-Tetrazolo[1,5-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-6,7,8,9-tetrahydro-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H58 N5 O6 S
CI COM
SR CA

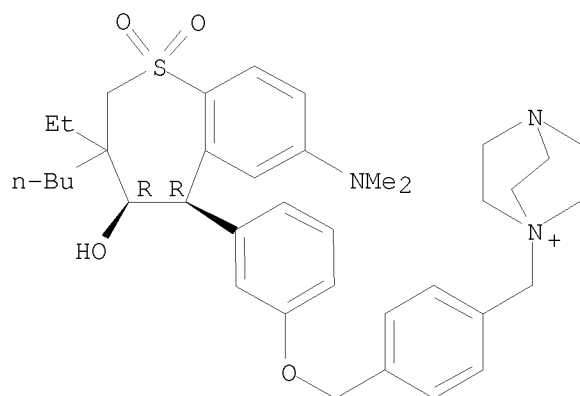
Relative stereochemistry.



10/590,458

L18 ANSWER 451 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 690208-23-2 REGISTRY
ED Entered STN: 06 Jun 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[3-[(4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H52 N3 O4 S
CI COM
SR CA

Relative stereochemistry.



L18 ANSWER 444 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 706756-15-2 REGISTRY

ED Entered STN: 09 Jul 2004

CN 1,6-Hexanediaminium, N1,N6-bis[2-[2-[2-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N6,N6-tetramethyl-
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediaminium, N,N'-bis[2-[2-[2-[3-[(3S,4R,5R)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,N',N'-tetramethyl-
(9CI)

FS STEREOSEARCH

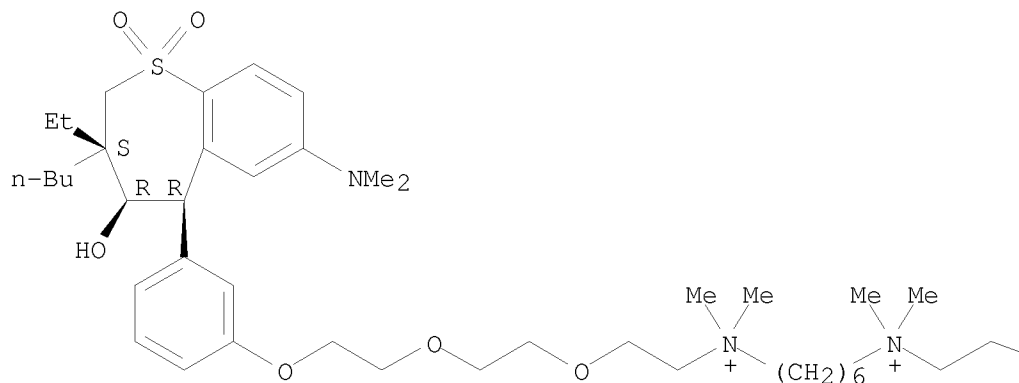
MF C70 H112 N4 O12 S2

CI COM

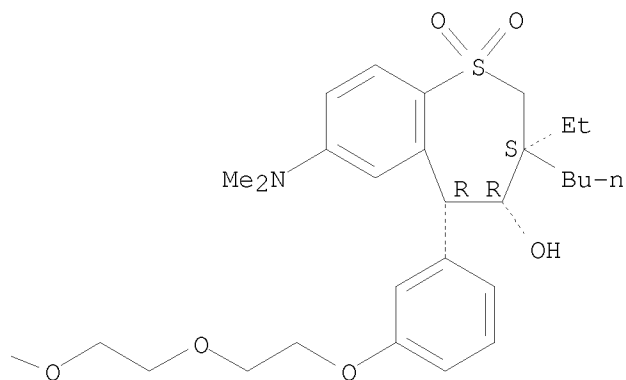
SR CA

Absolute stereochemistry.

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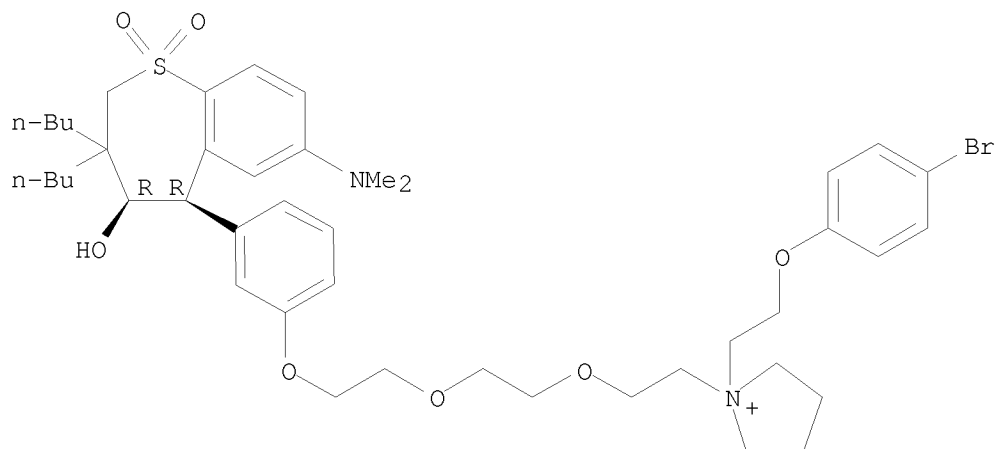
PAGE 1-B



10/590,458

L18 ANSWER 445 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 705922-93-6 REGISTRY
ED Entered STN: 07 Jul 2004
CN Pyrrolidinium, 1-[2-(4-bromophenoxy)ethyl]-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H64 Br N2 O7 S
CI COM
SR CA

Relative stereochemistry.

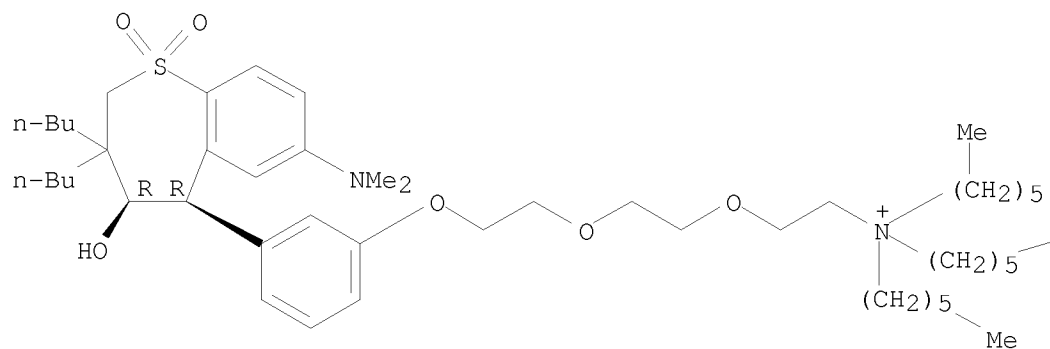


10/590,458

L18 ANSWER 446 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 702634-15-9 REGISTRY
ED Entered STN: 02 Jul 2004
CN 1-Hexanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dihexyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C50 H87 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

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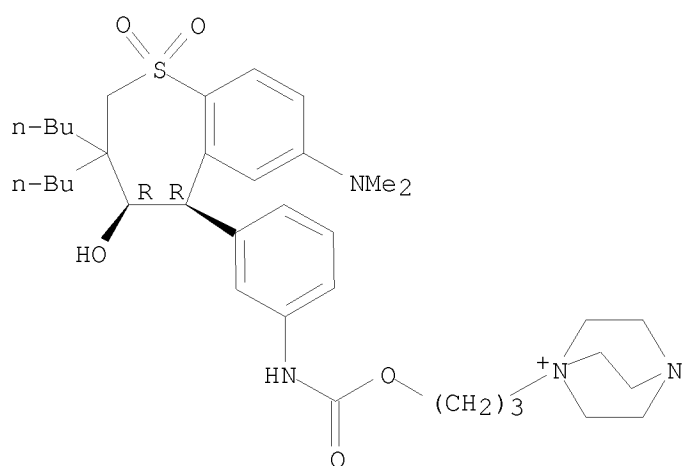
PAGE 1-B

Me

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L18 ANSWER 447 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 697736-30-4 REGISTRY
ED Entered STN: 22 Jun 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]carbonyl]oxy]propyl]-
, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H55 N4 O5 S
CI COM
SR CA

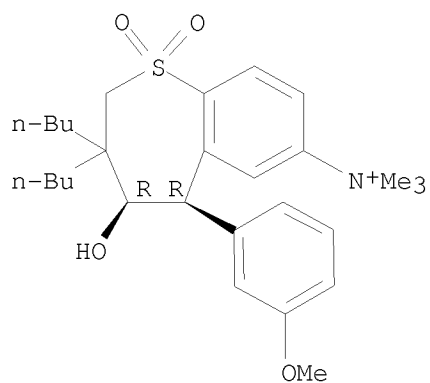
Relative stereochemistry.



10/590,458

L18 ANSWER 440 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 723732-32-9 REGISTRY
ED Entered STN: 07 Aug 2004
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-methoxyphenyl)-N,N,N-trimethyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H42 N O4 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 441 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 720661-37-0 REGISTRY

ED Entered STN: 01 Aug 2004

CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,2-Ethanediaminium, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N'-ethyl-N,N,N',N'-tetramethyl- (9CI)

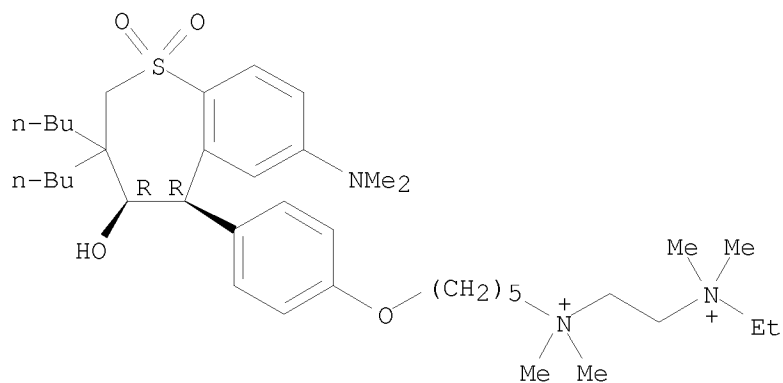
FS STEREOSEARCH

MF C39 H67 N3 O4 S

CI COM

SR CA

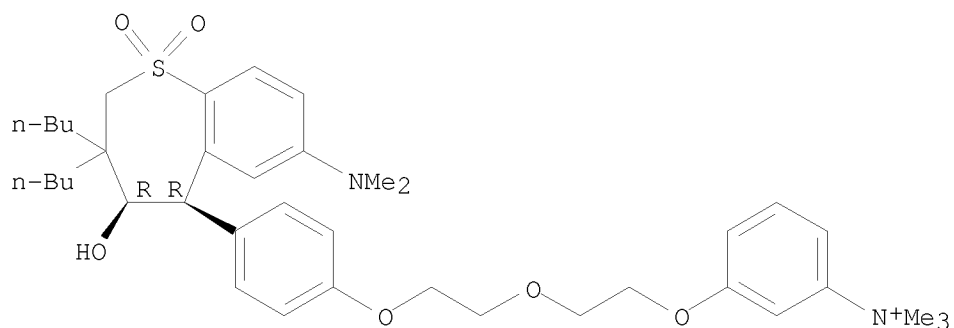
Absolute stereochemistry.



10/590,458

L18 ANSWER 442 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 714910-43-7 REGISTRY
ED Entered STN: 23 Jul 2004
CN Benzenaminium, 3-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H57 N2 O6 S
CI COM
SR CA

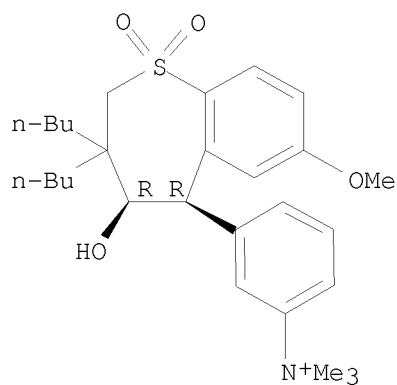
Relative stereochemistry.



10/590,458

L18 ANSWER 443 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 714193-27-8 REGISTRY
ED Entered STN: 21 Jul 2004
CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H42 N O4 S
CI COM
SR CA

Relative stereochemistry.



L18 ANSWER 436 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 727649-67-4 REGISTRY

ED Entered STN: 16 Aug 2004

CN 1,6-Hexanediaminium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediaminium, N,N'-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N,N,N',N'-tetramethyl- (9CI)

FS STEREOSEARCH

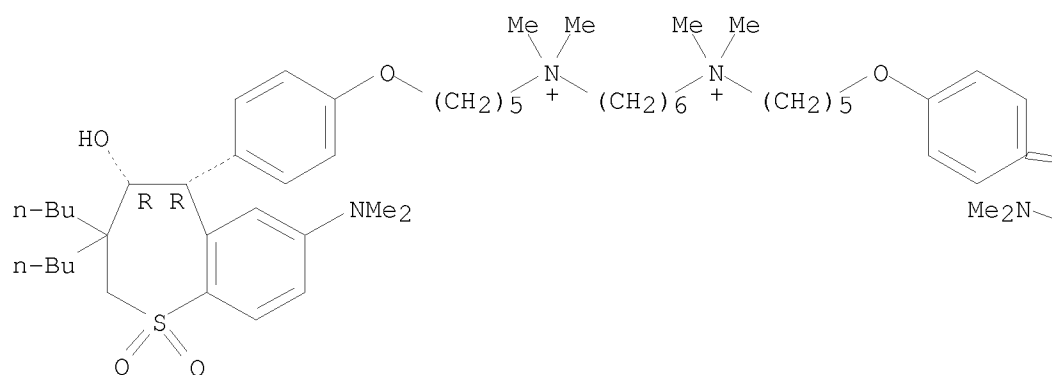
MF C72 H116 N4 O8 S2

CI COM

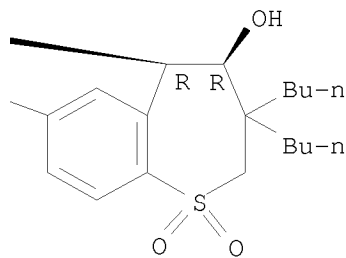
SR CA

Absolute stereochemistry.

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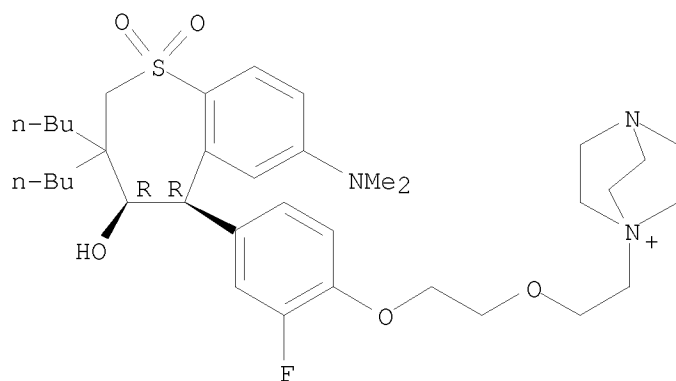
PAGE 1-B



10/590,458

L18 ANSWER 437 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 726123-26-8 REGISTRY
ED Entered STN: 12 Aug 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H55 F N3 O5 S
CI COM
SR CA

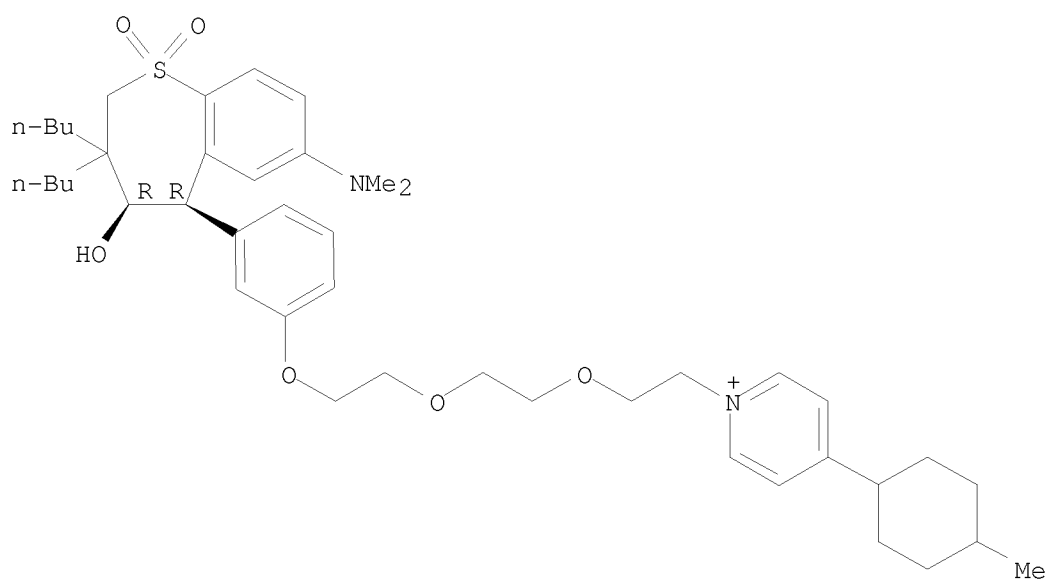
Relative stereochemistry.



10/590,458

L18 ANSWER 438 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 725682-76-8 REGISTRY
ED Entered STN: 11 Aug 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(4-methylcyclohexyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H65 N2 O6 S
CI COM
SR CA

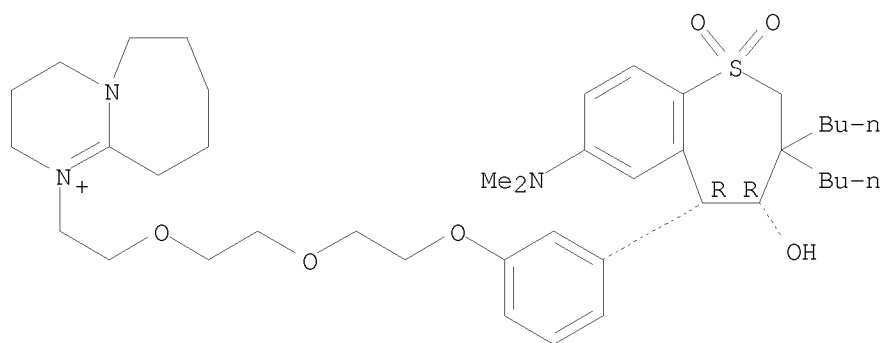
Relative stereochemistry.



10/590,458

L18 ANSWER 439 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 724419-07-2 REGISTRY
ED Entered STN: 08 Aug 2004
CN Pyrimido[1,2-a]azepinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,3,4,6,7,8,9,10-octahydro-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H64 N3 O6 S
CI COM
SR CA

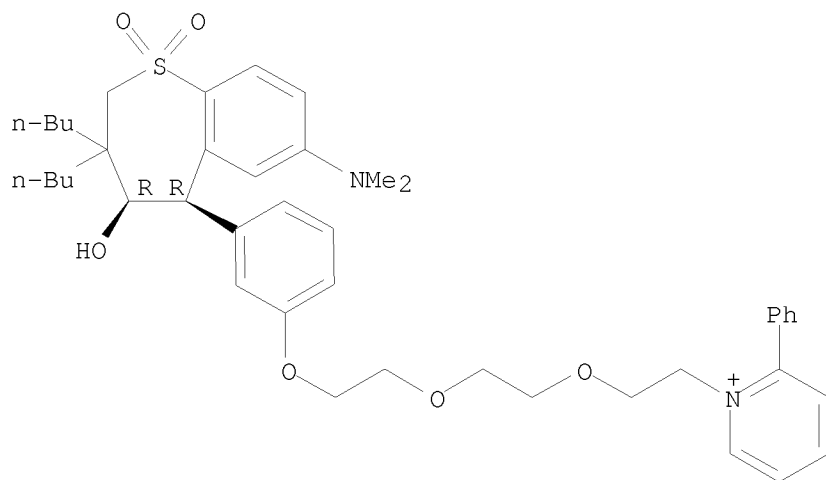
Relative stereochemistry.



10/590,458

L18 ANSWER 432 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 732230-26-1 REGISTRY
ED Entered STN: 25 Aug 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H57 N2 O6 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 433 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 732230-25-0 REGISTRY

ED Entered STN: 25 Aug 2004

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-dimethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1H-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-dimethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, rel- (9CI)

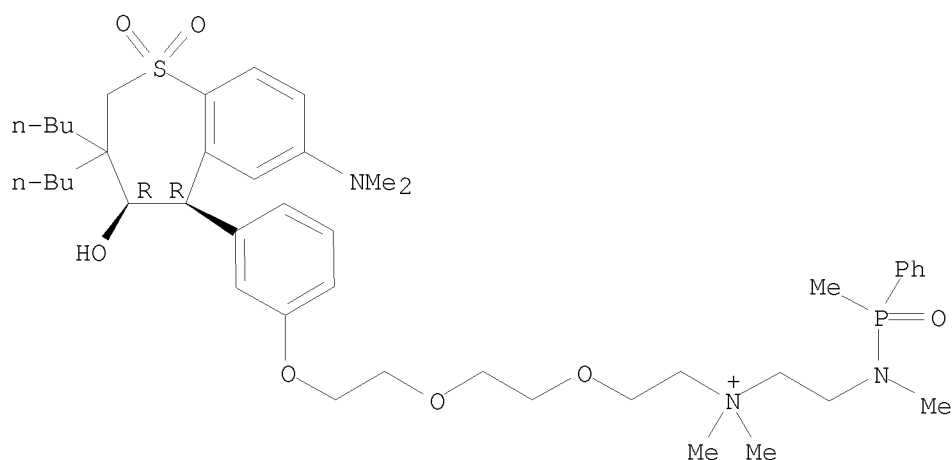
FS STEREOSEARCH

MF C44 H69 N3 O7 P S

CI COM

SR CA

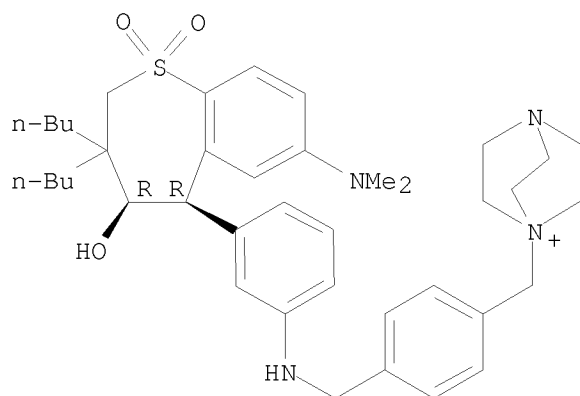
Relative stereochemistry.



10/590,458

L18 ANSWER 434 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 730240-45-6 REGISTRY
ED Entered STN: 22 Aug 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]phenyl]methyl]-
, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H57 N4 O3 S
CI COM
SR CA

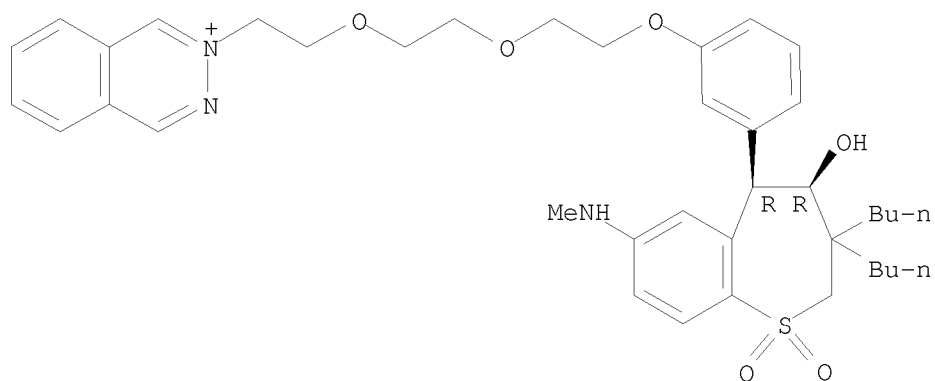
Relative stereochemistry.



10/590,458

L18 ANSWER 435 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 728860-92-2 REGISTRY
ED Entered STN: 19 Aug 2004
CN Phthalazinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H52 N3 O6 S
CI COM
SR CA

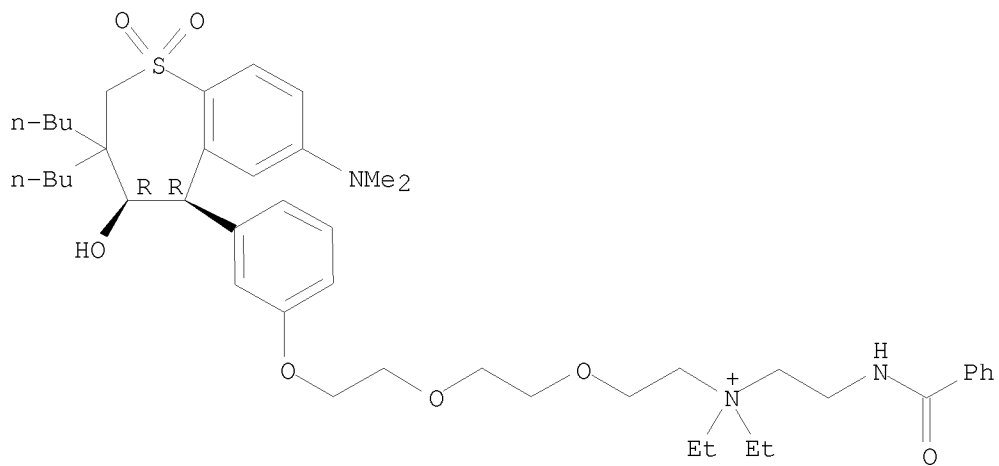
Relative stereochemistry.



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L18 ANSWER 428 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 732969-35-6  REGISTRY
ED Entered STN: 26 Aug 2004
CN Ethanaminium, 2-(benzoylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H68 N3 O7 S
CI COM
SR CA
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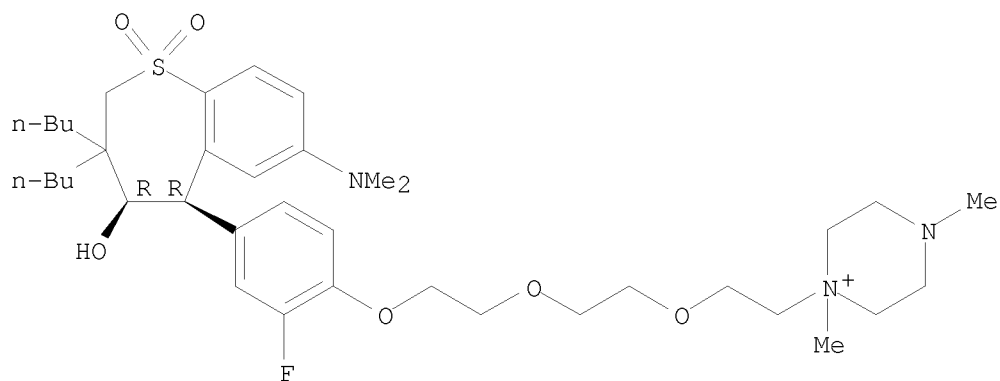
Relative stereochemistry.



10/590,458

L18 ANSWER 429 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 732969-34-5 REGISTRY
ED Entered STN: 26 Aug 2004
CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H61 F N3 O6 S
CI COM
SR CA

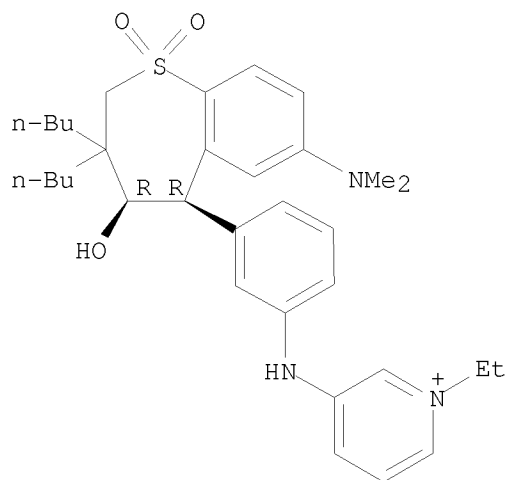
Relative stereochemistry.



10/590,458

L18 ANSWER 430 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 732235-95-9 REGISTRY
ED Entered STN: 25 Aug 2004
CN Pyridinium, 3-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H46 N3 O3 S
CI COM
SR CA

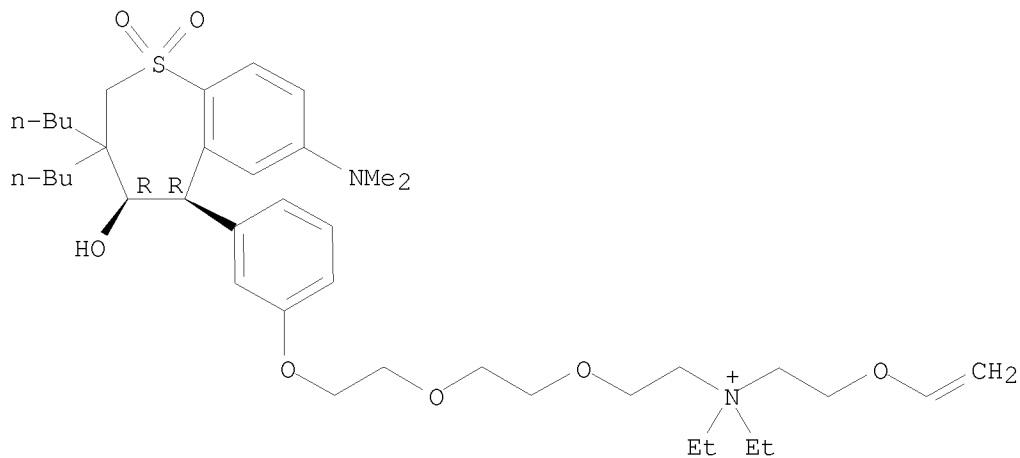
Relative stereochemistry.



10/590,458

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L18 ANSWER 431 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 732232-09-6  REGISTRY
ED Entered STN: 25 Aug 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N-[2-(ethenylloxy)ethyl]-N,N-diethyl-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C40 H65 N2 O7 S
CI COM
SR CA
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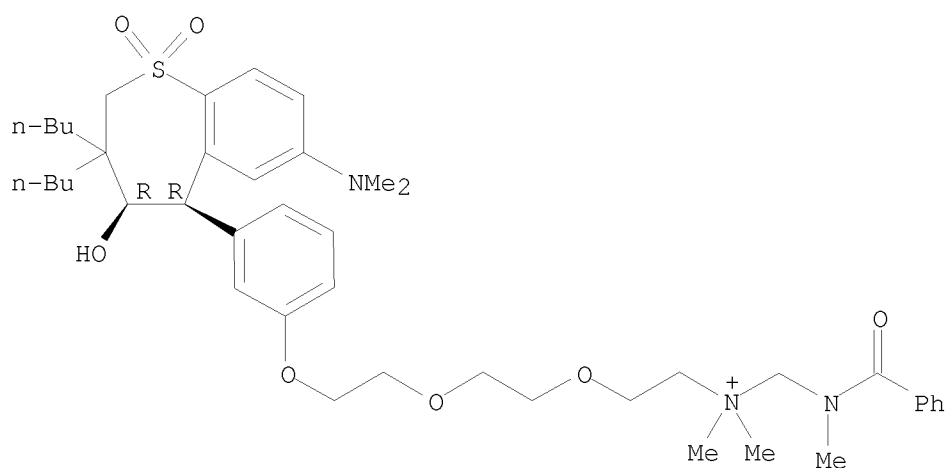
Relative stereochemistry.



10/590,458

L18 ANSWER 424 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 733725-46-7 REGISTRY
ED Entered STN: 27 Aug 2004
CN Ethanaminium, N-[(benzoylmethylamino)methyl]-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H64 N3 O7 S
CI COM
SR CA

Relative stereochemistry.



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L18 ANSWER 425 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 733723-63-2 REGISTRY

ED Entered STN: 27 Aug 2004

CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-ethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Imidazolium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-ethyl-, rel- (9CI)

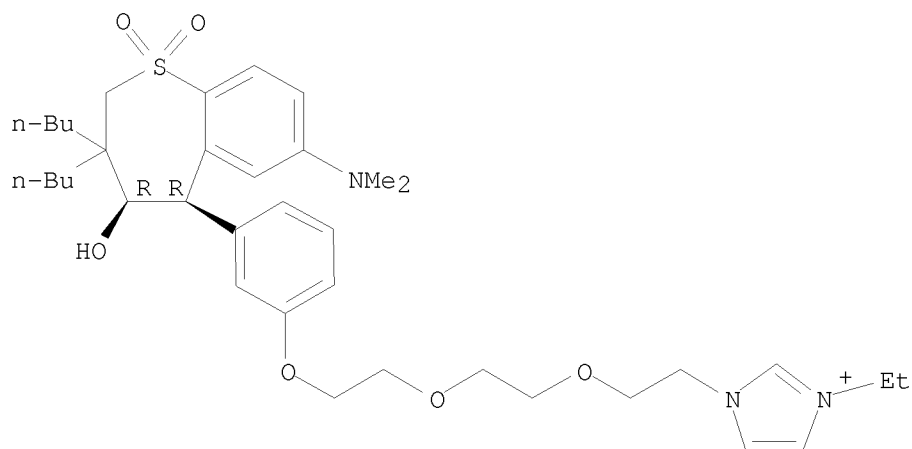
FS STEREOSEARCH

MF C37 H56 N3 O6 S

CI COM

SR CA

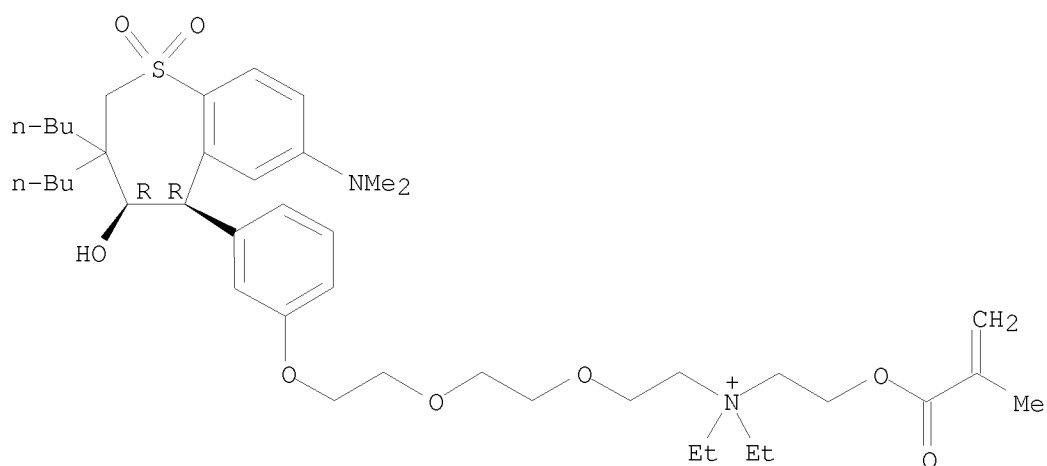
Relative stereochemistry.



10/590,458

L18 ANSWER 426 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 733723-62-1 REGISTRY
ED Entered STN: 27 Aug 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N,N-diethyl-N-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-, rel- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H67 N2 O8 S
CI COM
SR CA

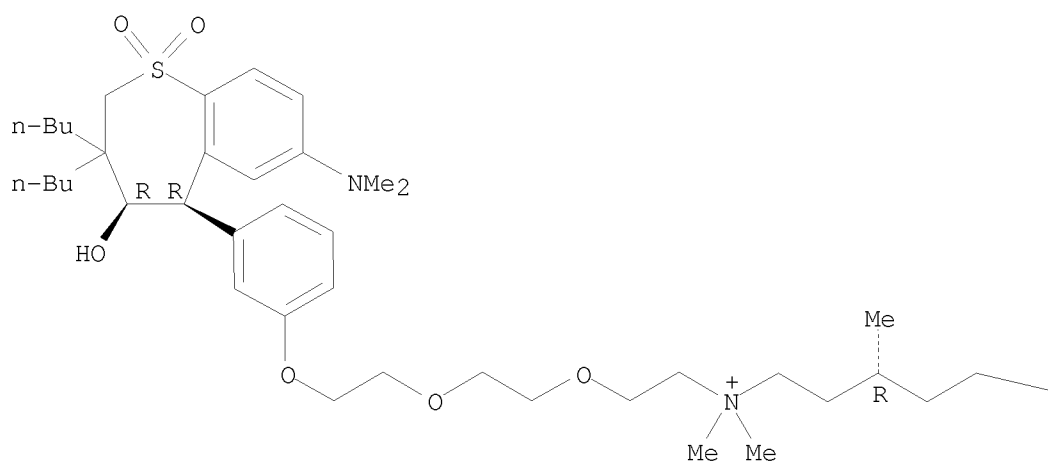
Relative stereochemistry.



L18 ANSWER 427 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 732971-17-4 REGISTRY
ED Entered STN: 26 Aug 2004
CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-5-(dimethylamino)-N,N,3-trimethyl-,
(3R)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H72 N3 O6 S
CI COM
SR CA

Relative stereochemistry.

PAGE 1-A



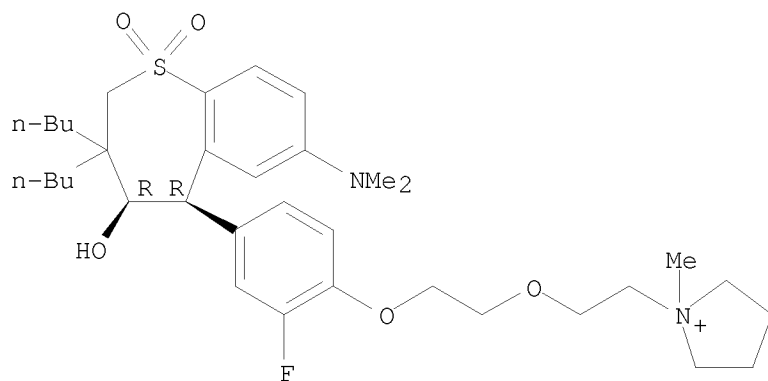
PAGE 1-B

NMe2

10/590,458

L18 ANSWER 420 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 735249-05-5 REGISTRY
ED Entered STN: 29 Aug 2004
CN Pyrrolidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H54 F N2 O5 S
CI COM
SR CA

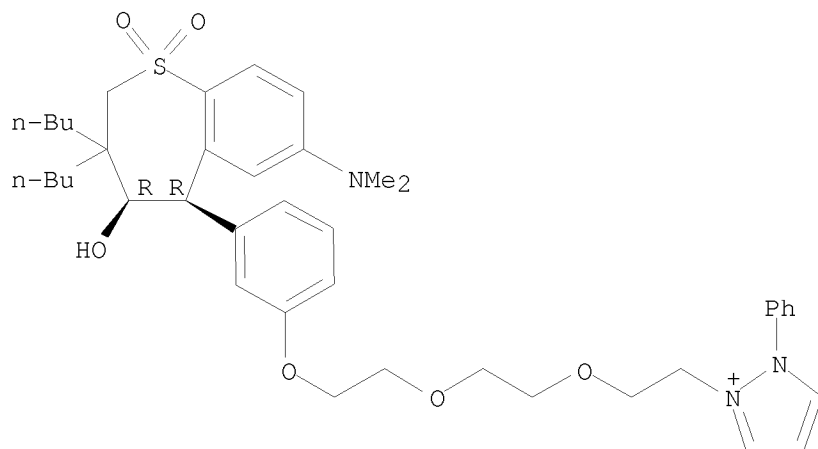
Relative stereochemistry.



10/590,458

L18 ANSWER 421 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 734519-64-3 REGISTRY
ED Entered STN: 27 Aug 2004
CN 1H-Pyrazolium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H56 N3 O6 S
CI COM
SR CA

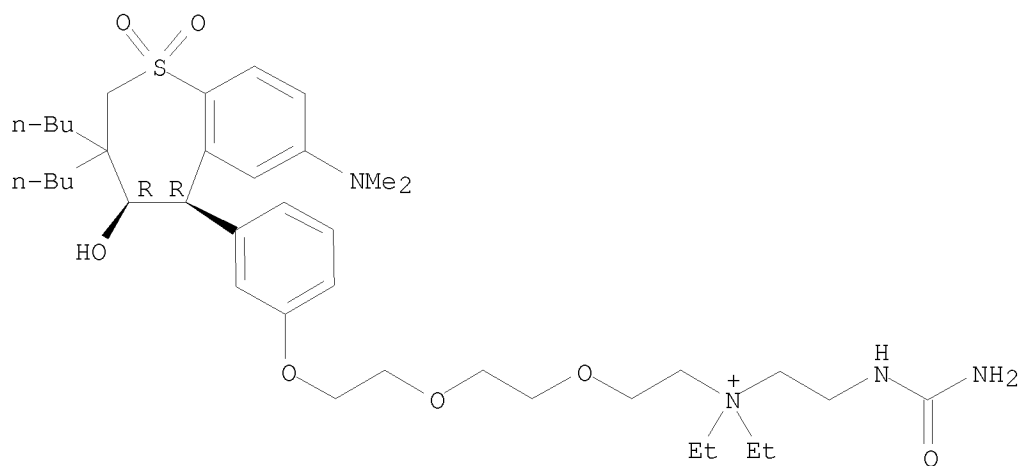
Relative stereochemistry.



10/590,458

L18 ANSWER 422 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 734517-81-8 REGISTRY
ED Entered STN: 27 Aug 2004
CN Ethanaminium, 2-[(aminocarbonyl)amino]-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H65 N4 O7 S
CI COM
SR CA

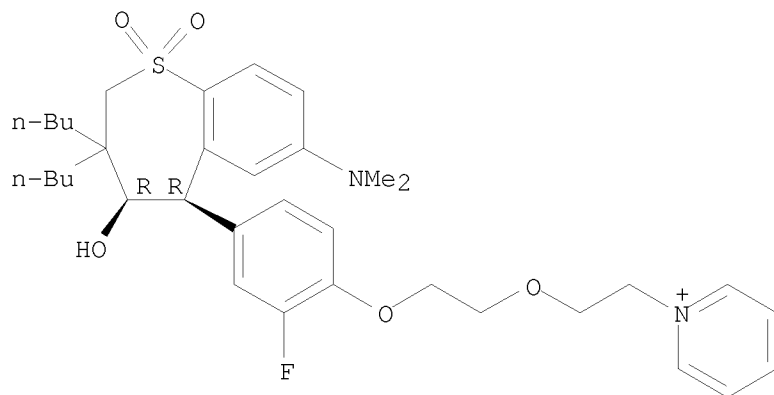
Relative stereochemistry.



10/590,458

L18 ANSWER 423 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 734517-80-7 REGISTRY
ED Entered STN: 27 Aug 2004
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H48 F N2 O5 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 416 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 736912-00-8 REGISTRY

ED Entered STN: 01 Sep 2004

CN 1,2-Ethanediaminium, N1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-N1,N1,N2,N2,N2-pentamethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,2-Ethanediaminium, N-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-N,N,N',N',N'-pentamethyl-, rel- (9CI)

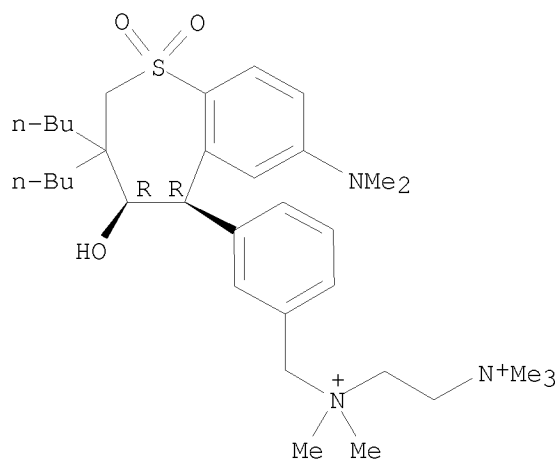
FS STEREOSEARCH

MF C34 H57 N3 O3 S

CI COM

SR CA

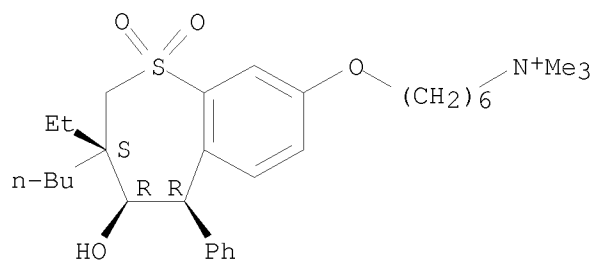
Relative stereochemistry.



10/590,458

L18 ANSWER 417 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 736121-74-7 REGISTRY
ED Entered STN: 31 Aug 2004
CN 1-Hexanaminium, 6-[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H48 N O4 S
CI COM
SR CA

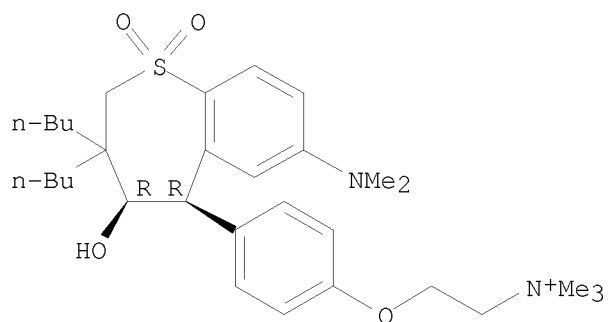
Relative stereochemistry.



10/590,458

L18 ANSWER 418 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 736119-91-8 REGISTRY
ED Entered STN: 31 Aug 2004
CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H49 N2 O4 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 419 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 735249-06-6 REGISTRY

ED Entered STN: 29 Aug 2004

CN 1H-Imidazolium, 3-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-(phenylmethyl)-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Imidazolium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-(phenylmethyl)-, rel- (9CI)

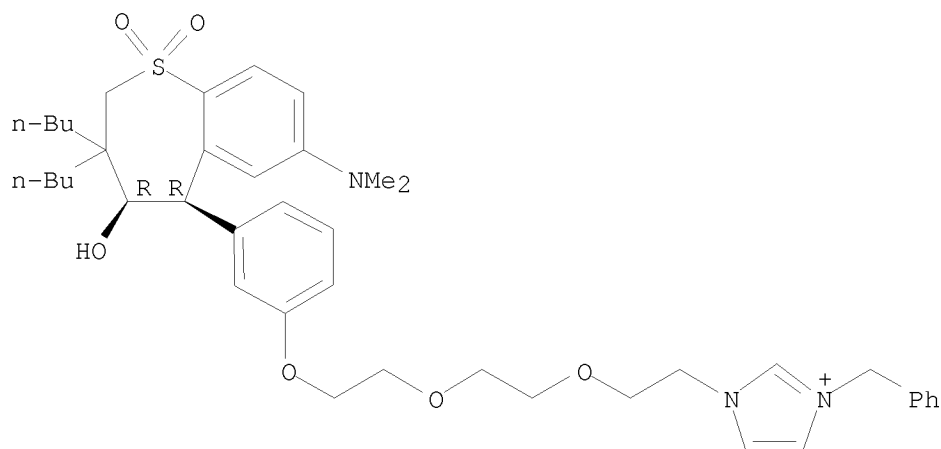
FS STEREOSEARCH

MF C42 H58 N3 O6 S

CI COM

SR CA

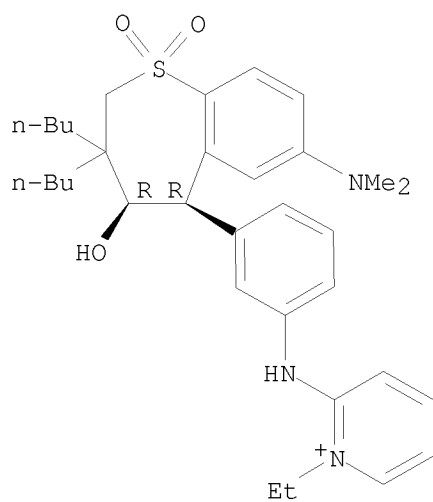
Relative stereochemistry.



10/590,458

L18 ANSWER 412 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 737745-90-3 REGISTRY
ED Entered STN: 02 Sep 2004
CN Pyridinium, 2-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H46 N3 O3 S
CI COM
SR CA

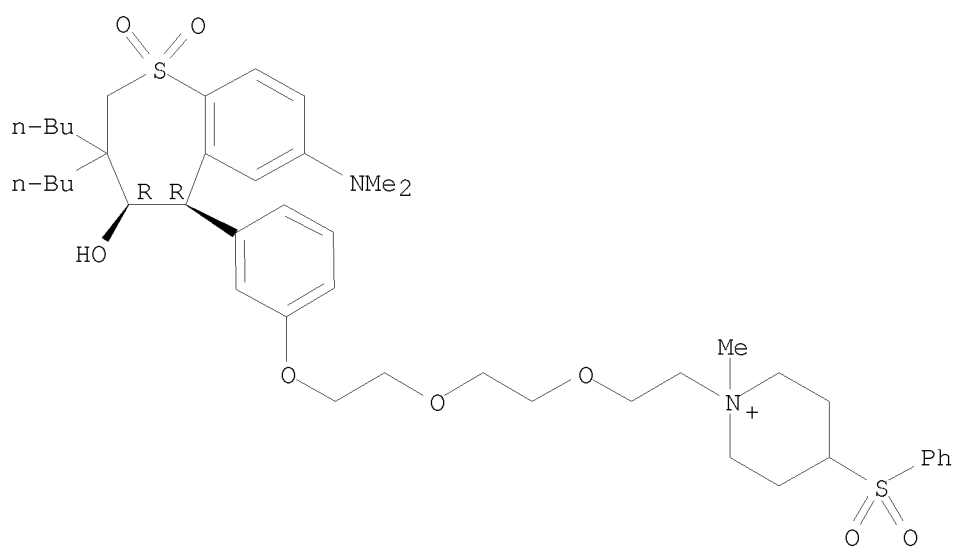
Relative stereochemistry.



10/590,458

L18 ANSWER 413 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 737742-06-2 REGISTRY
ED Entered STN: 02 Sep 2004
CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(phenylsulfonyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H65 N2 O8 S2
CI COM
SR CA

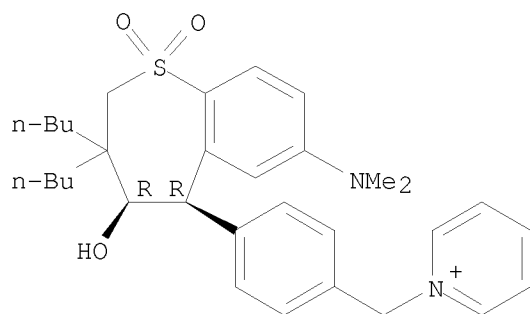
Relative stereochemistry.



10/590,458

L18 ANSWER 414 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 737740-22-6 REGISTRY
ED Entered STN: 02 Sep 2004
CN Pyridinium, 1-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, rel-
(CA INDEX NAME)
FS STEREOSEARCH
MF C32 H43 N2 O3 S
CI COM
SR CA

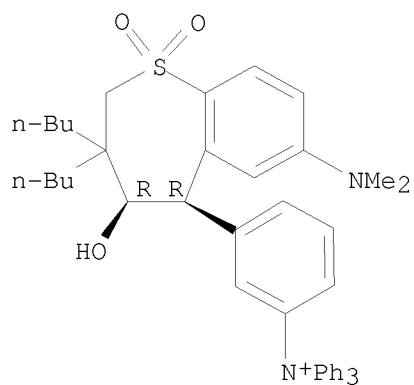
Relative stereochemistry.



10/590,458

L18 ANSWER 415 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 736917-69-4 REGISTRY
ED Entered STN: 01 Sep 2004
CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-
4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triphenyl-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C44 H51 N2 O3 S
CI COM
SR CA

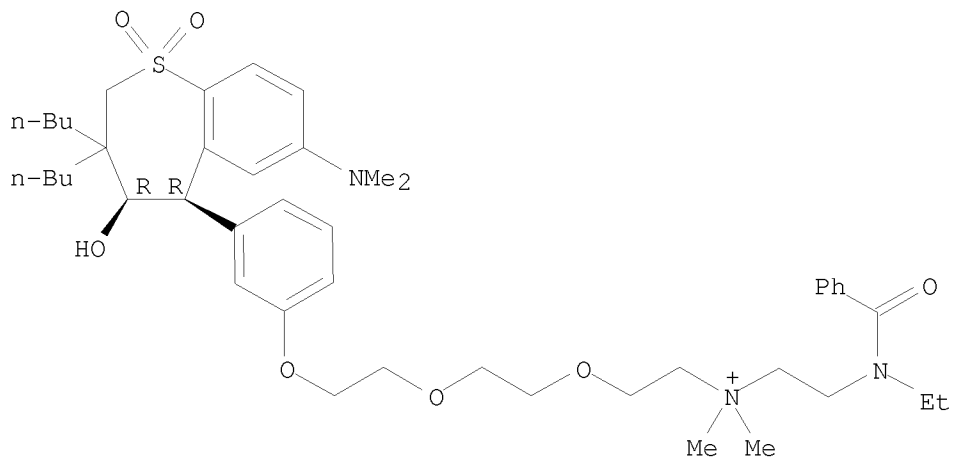
Relative stereochemistry.



10/590,458

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L18 ANSWER 408 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 740067-84-9  REGISTRY
ED Entered STN: 05 Sep 2004
CN Ethanaminium, 2-(benzoylethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H68 N3 O7 S
CI COM
SR CA
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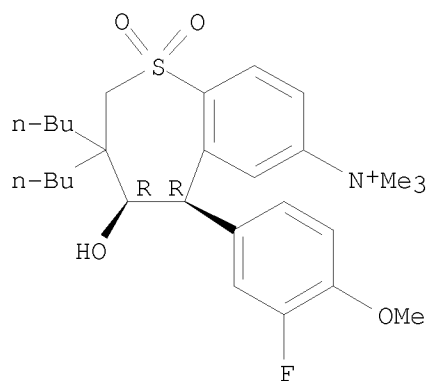
Relative stereochemistry.



10/590,458

L18 ANSWER 409 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 739349-37-2 REGISTRY
ED Entered STN: 05 Sep 2004
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3-fluoro-4-methoxyphenyl)-2,3,4,5-
tetrahydro-4-hydroxy-N,N,N-trimethyl-, 1,1-dioxide, (4R,5R)-rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C28 H41 F N O4 S
CI COM
SR CA

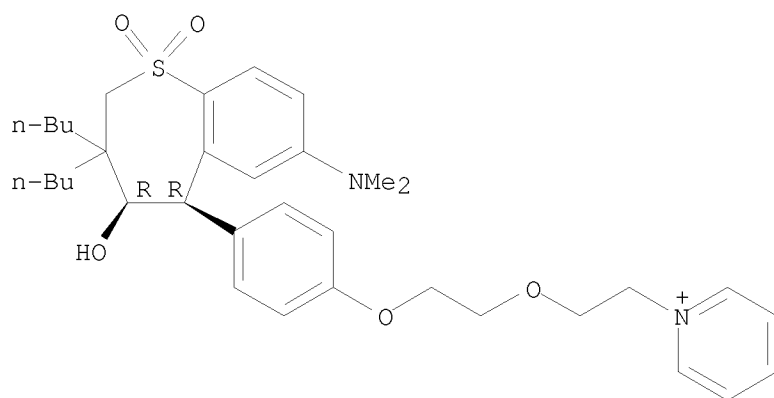
Relative stereochemistry.



10/590,458

L18 ANSWER 410 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 738570-22-4 REGISTRY
ED Entered STN: 03 Sep 2004
CN Pyridinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H49 N2 O5 S
CI COM
SR CA

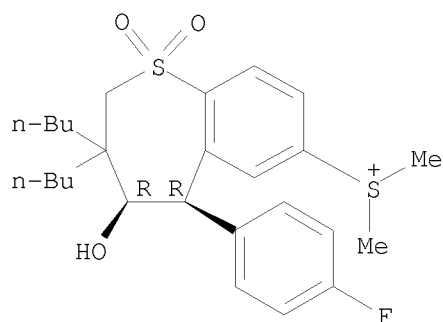
Relative stereochemistry.



10/590,458

L18 ANSWER 411 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 738564-53-9 REGISTRY
ED Entered STN: 03 Sep 2004
CN Sulfonium, [(4R,5R)-3,3-dibutyl-5-(4-fluorophenyl)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C26 H36 F O3 S2
CI COM
SR CA

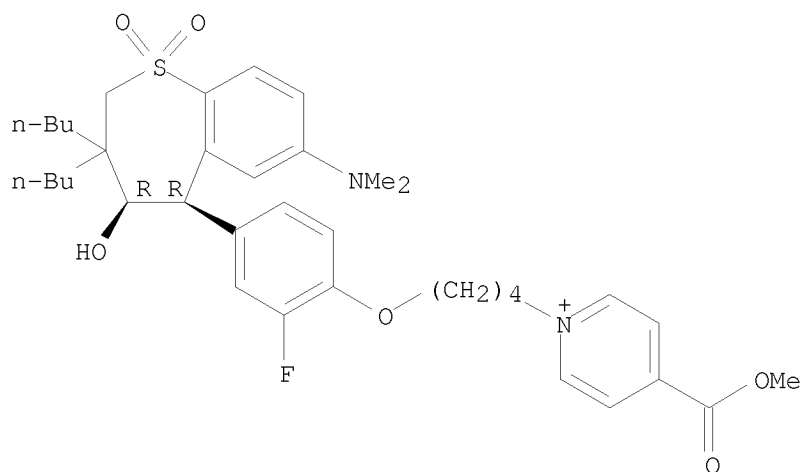
Relative stereochemistry.



10/590,458

L18 ANSWER 404 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 741234-46-8 REGISTRY
ED Entered STN: 08 Sep 2004
CN Pyridinium, 1-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]butyl]-4-(methoxycarbonyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H50 F N2 O6 S
CI COM
SR CA

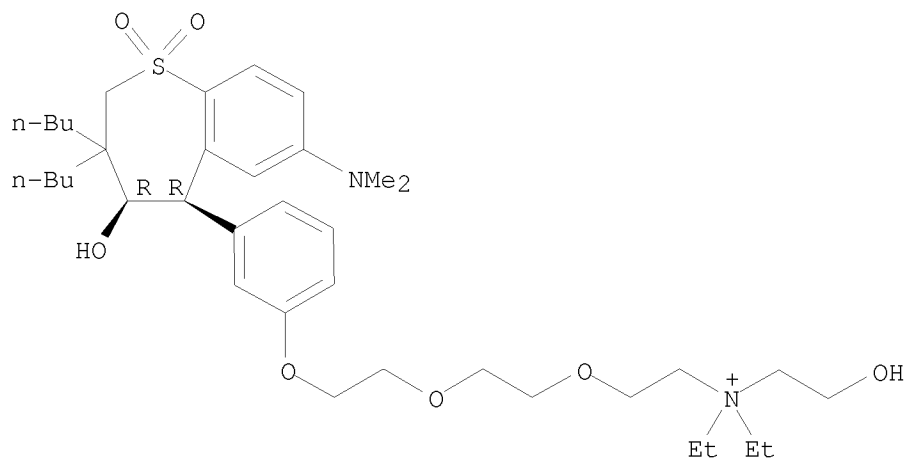
Relative stereochemistry.



10/590,458

L18 ANSWER 405 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 741234-45-7 REGISTRY
ED Entered STN: 08 Sep 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-(2-hydroxyethyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H63 N2 O7 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 406 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 740783-04-4 REGISTRY

ED Entered STN: 06 Sep 2004

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1H-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-, rel- (9CI)

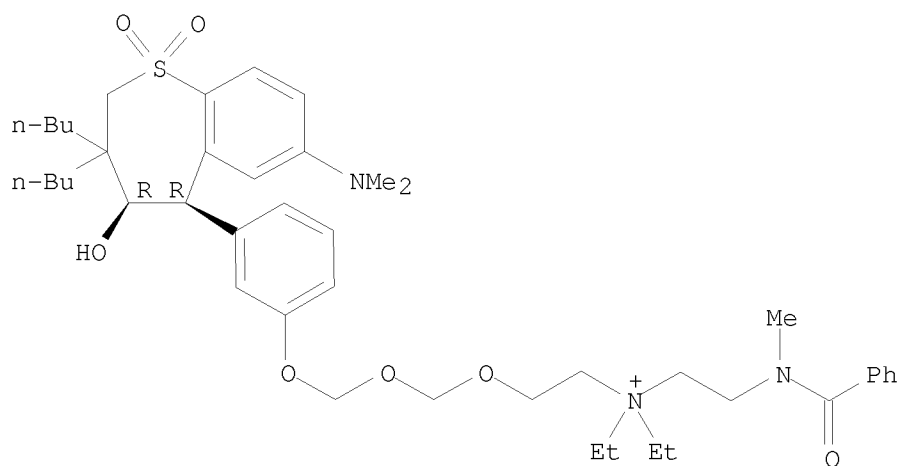
FS STEREOSEARCH

MF C44 H66 N3 O7 S

CI COM

SR CA

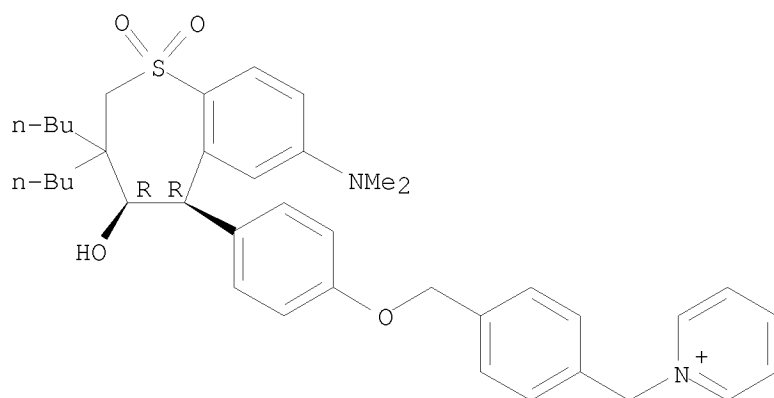
Relative stereochemistry.



10/590,458

L18 ANSWER 407 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 740073-53-4 REGISTRY
ED Entered STN: 06 Sep 2004
CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H49 N2 O4 S
CI COM
SR CA

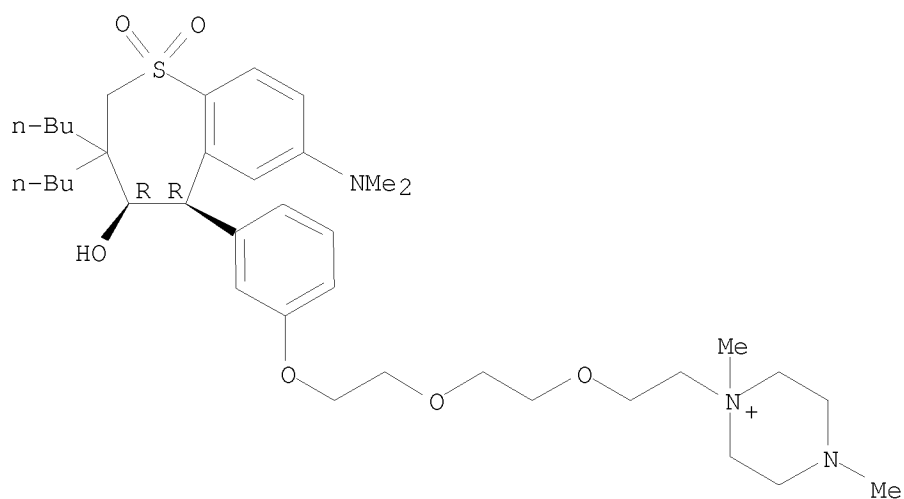
Absolute stereochemistry.



10/590,458

L18 ANSWER 400 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 742679-99-8 REGISTRY
ED Entered STN: 12 Sep 2004
CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1,4-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H62 N3 O6 S
CI COM
SR CA

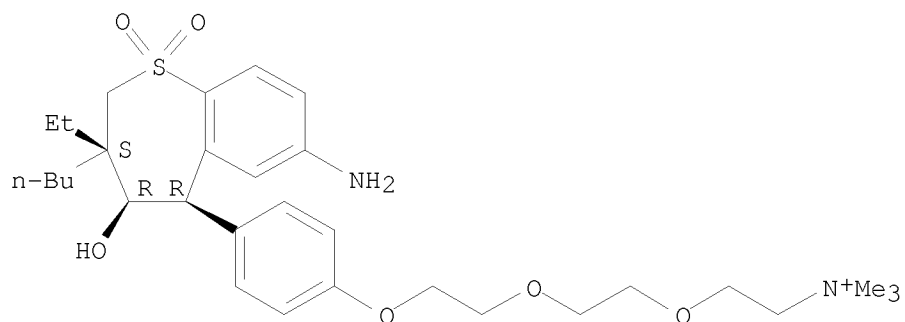
Relative stereochemistry.



10/590,458

L18 ANSWER 401 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 742679-98-7 REGISTRY
ED Entered STN: 12 Sep 2004
CN Ethanaminium, 2-[2-[2-[4-[(3R,4S,5S)-7-amino-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H49 N2 O6 S
CI COM
SR CA

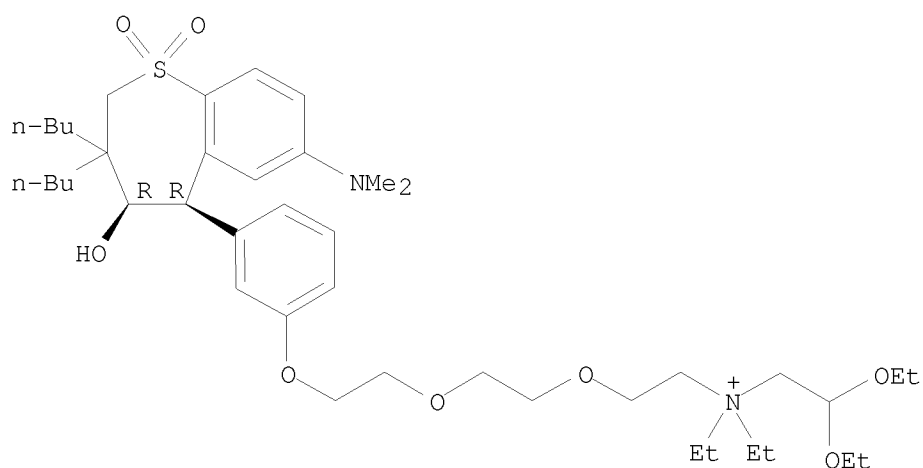
Relative stereochemistry.



10/590,458

L18 ANSWER 402 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 742042-17-7 REGISTRY
ED Entered STN: 10 Sep 2004
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,2-diethoxy-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H71 N2 O8 S
CI COM
SR CA

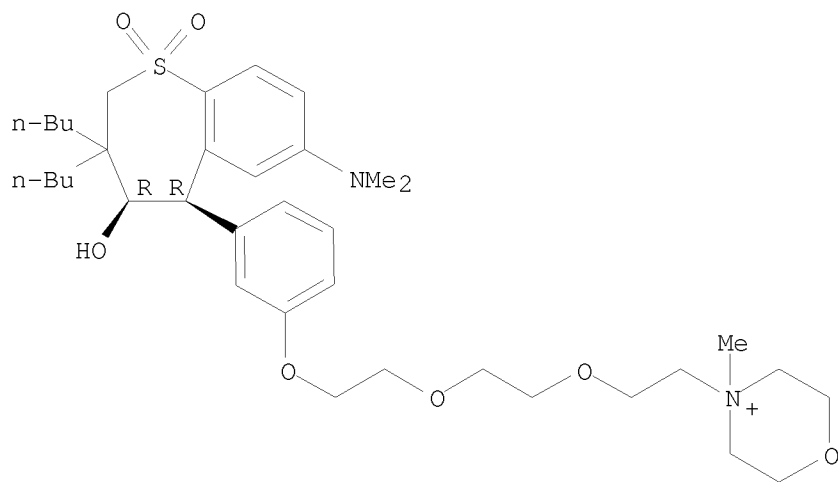
Relative stereochemistry.



10/590,458

L18 ANSWER 403 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 741655-80-1 REGISTRY
ED Entered STN: 09 Sep 2004
CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H59 N2 O7 S
CI COM
SR CA

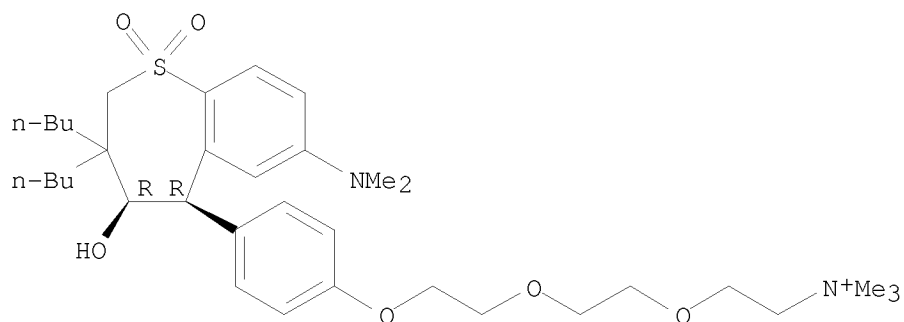
Relative stereochemistry.



10/590,458

L18 ANSWER 396 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 745775-89-7 REGISTRY
ED Entered STN: 16 Sep 2004
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H57 N2 O6 S
CI COM
SR CA

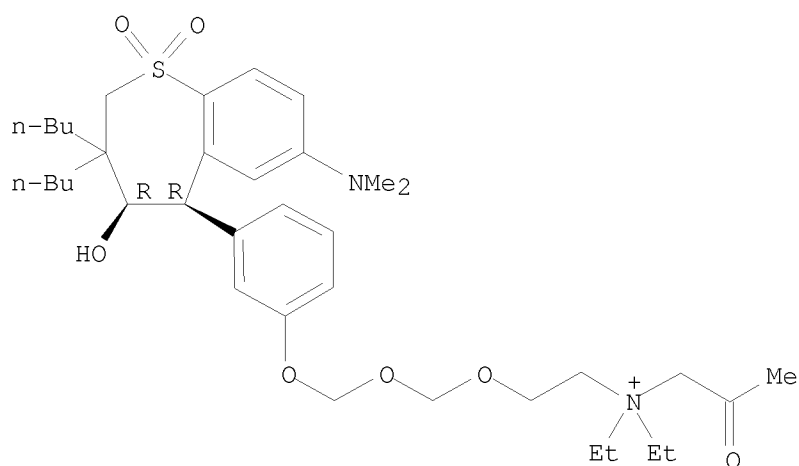
Relative stereochemistry.



10/590,458

L18 ANSWER 397 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 744181-97-3 REGISTRY
ED Entered STN: 14 Sep 2004
CN 1-Propanaminium, N-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diethyl-2-oxo-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H59 N2 O7 S
CI COM
SR CA

Relative stereochemistry.



L18 ANSWER 398 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 743404-32-2 REGISTRY

ED Entered STN: 12 Sep 2004

CN 1,6-Hexanediaminium, N1,N6-bis[2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N6,N6-tetramethyl-,
rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediaminium, N,N'-bis[2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,N',N'-tetramethyl-,
rel- (9CI)

FS STEREOSEARCH

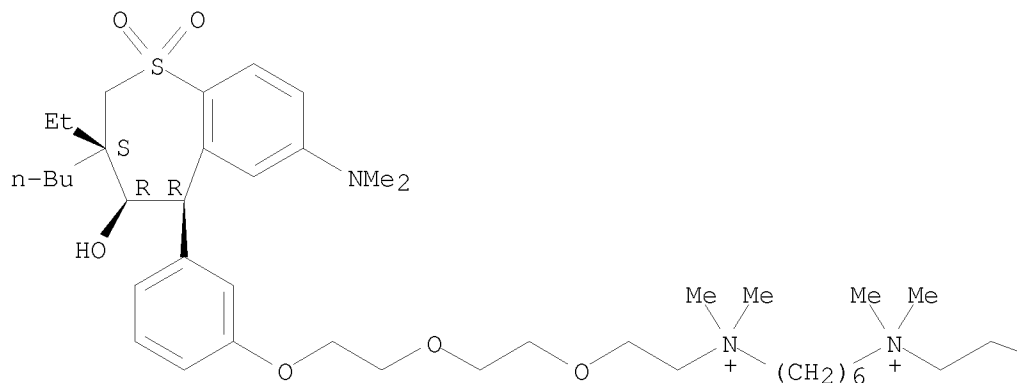
MF C70 H112 N4 O12 S2

CI COM

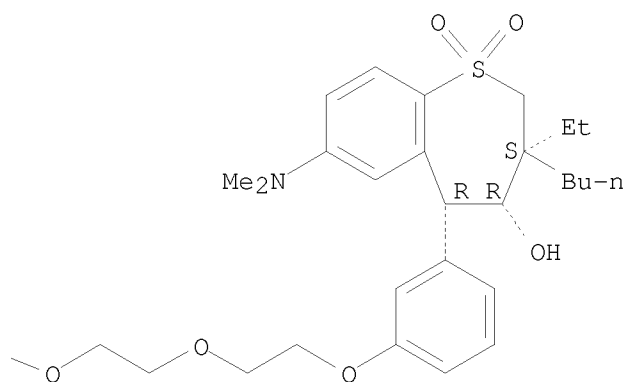
SR CA

Relative stereochemistry.

PAGE 1-A



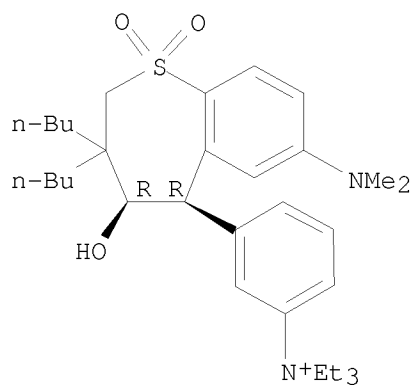
PAGE 1-B



10/590,458

L18 ANSWER 399 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 742681-79-4 REGISTRY
ED Entered STN: 12 Sep 2004
CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-
4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C32 H51 N2 O3 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 392 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 748114-16-1 REGISTRY

ED Entered STN: 19 Sep 2004

CN Piperazinium, 4-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,1,4-trimethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4,4-trimethyl-, rel- (9CI)

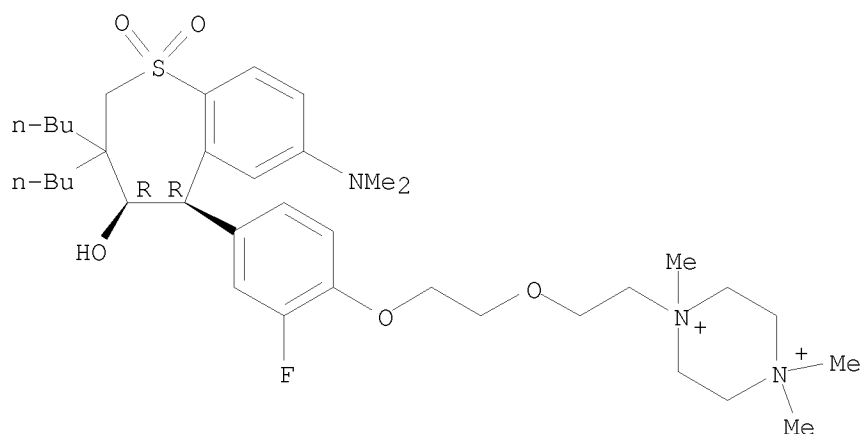
FS STEREOSEARCH

MF C37 H60 F N3 O5 S

CI COM

SR CA

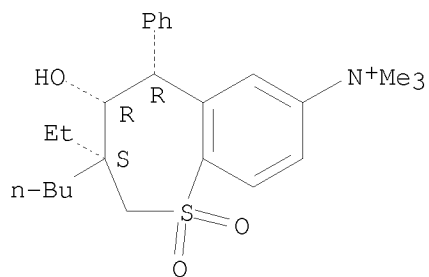
Relative stereochemistry.



10/590,458

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L18 ANSWER 393 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 748114-15-0  REGISTRY
ED Entered STN: 19 Sep 2004
CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-
N,N,N-trimethyl-5-phenyl-, 1,1-dioxide, (3R,4S,5S)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H36 N O3 S
CI COM
SR CA
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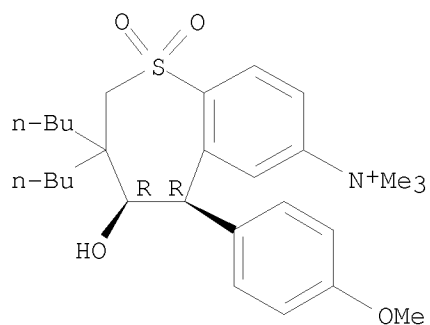
Relative stereochemistry.



10/590,458

L18 ANSWER 394 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 747391-55-5 REGISTRY
ED Entered STN: 19 Sep 2004
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-methoxyphenyl)-N,N,N-trimethyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H42 N O4 S
CI COM
SR CA

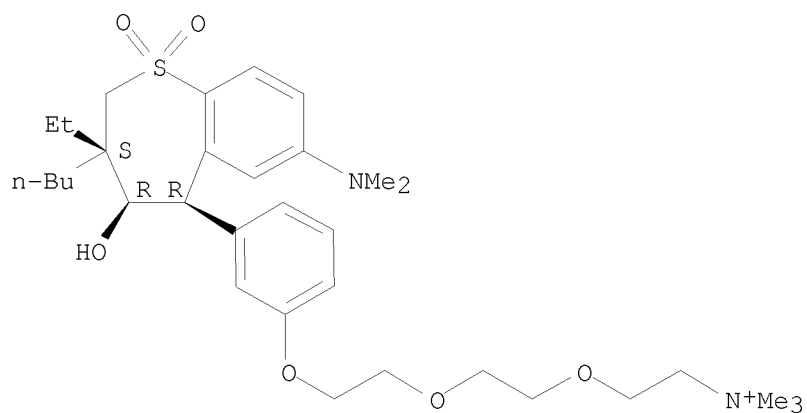
Relative stereochemistry.



10/590,458

L18 ANSWER 395 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 746587-18-8 REGISTRY
ED Entered STN: 17 Sep 2004
CN Ethanaminium, 2-[2-[2-[3-[(3R,4S,5S)-3-butyl-7-(dimethylamino)-3-ethyl-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H53 N2 O6 S
CI COM
SR CA

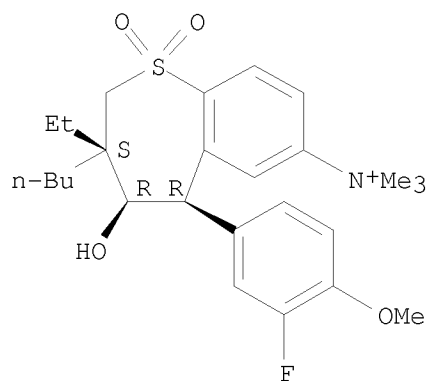
Relative stereochemistry.



10/590,458

L18 ANSWER 388 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 748751-28-2 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-5-(3-fluoro-4-methoxyphenyl)-
2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-, 1,1-dioxide,
(3R,4S,5S)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C26 H37 F N O4 S
CI COM
SR CA

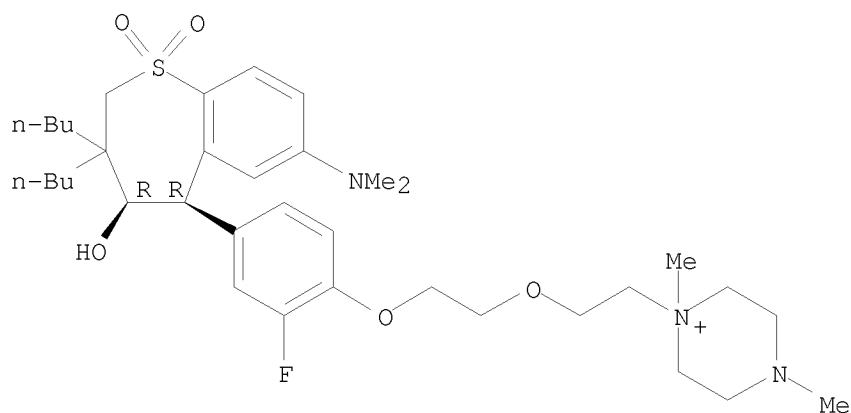
Relative stereochemistry.



10/590,458

L18 ANSWER 389 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 748751-27-1 REGISTRY
ED Entered STN: 21 Sep 2004
CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1,4-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H57 F N3 O5 S
CI COM
SR CA

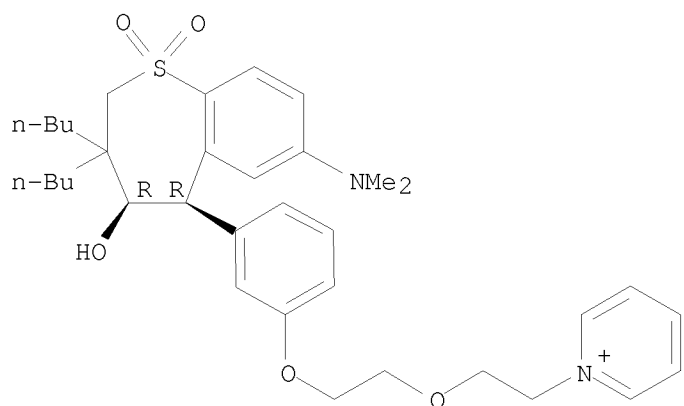
Relative stereochemistry.



10/590,458

L18 ANSWER 390 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 748120-99-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN Pyridinium, 1-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H49 N2 O5 S
CI COM
SR CA

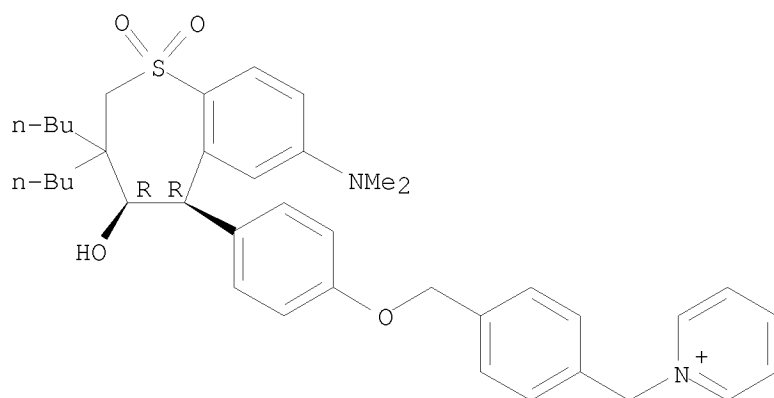
Relative stereochemistry.



10/590,458

L18 ANSWER 391 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 748120-60-7 REGISTRY
ED Entered STN: 20 Sep 2004
CN Pyridinium, 1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H49 N2 O4 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 384 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 749830-62-4 REGISTRY

ED Entered STN: 23 Sep 2004

CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenemethanaminium, 3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-, cis- (9CI)

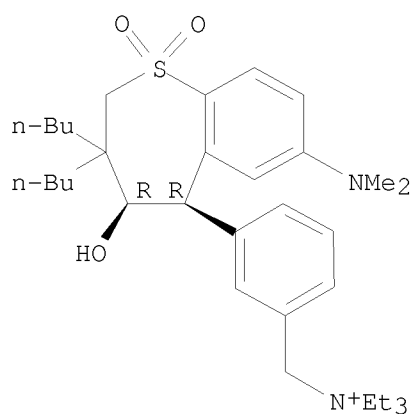
FS STEREOSEARCH

MF C33 H53 N2 O3 S

CI COM

SR CA

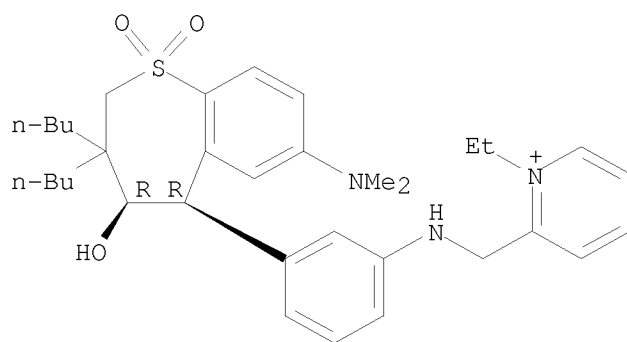
Relative stereochemistry.



10/590,458

L18 ANSWER 385 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 749196-77-8 REGISTRY
ED Entered STN: 22 Sep 2004
CN Pyridinium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H48 N3 O3 S
CI COM
SR CA

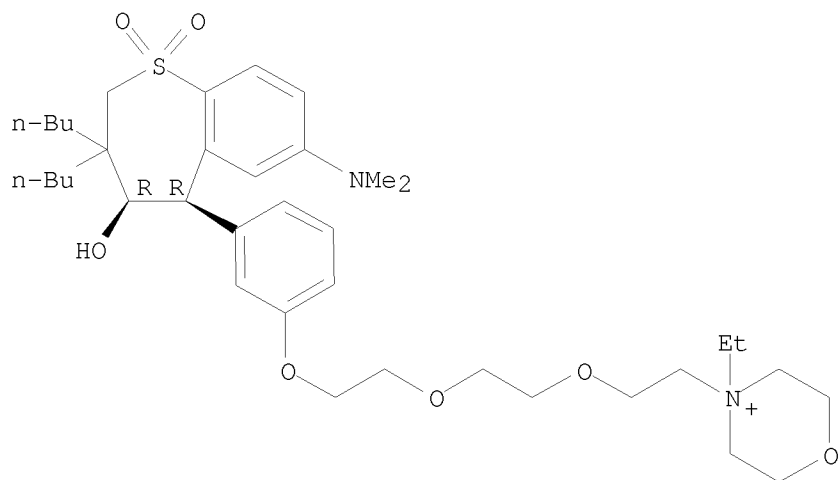
Relative stereochemistry.



10/590,458

L18 ANSWER 386 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 749189-94-4 REGISTRY
ED Entered STN: 22 Sep 2004
CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H61 N2 O7 S
CI COM
SR CA

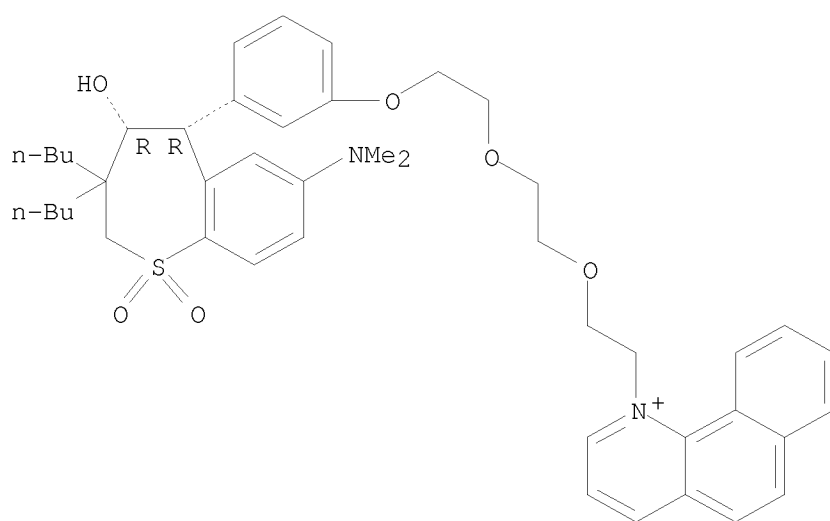
Relative stereochemistry.



10/590,458

L18 ANSWER 387 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 749189-93-3 REGISTRY
ED Entered STN: 22 Sep 2004
CN Benzo[h]quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H57 N2 O6 S
CI COM
SR CA

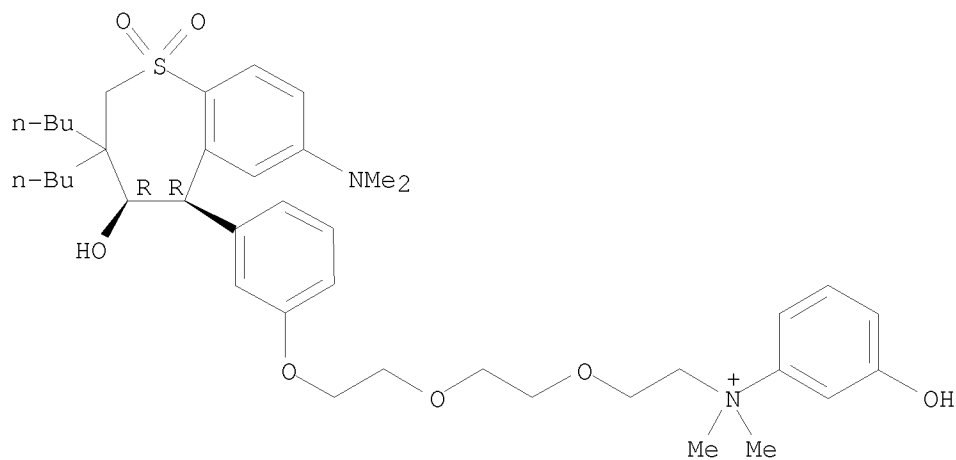
Relative stereochemistry.



10/590,458

L18 ANSWER 380 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 751469-36-0 REGISTRY
ED Entered STN: 26 Sep 2004
CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-3-hydroxy-N,N-dimethyl-, rel- (CA INDEX
NAME)
FS STEREOSEARCH
MF C40 H59 N2 O7 S
CI COM
SR CA

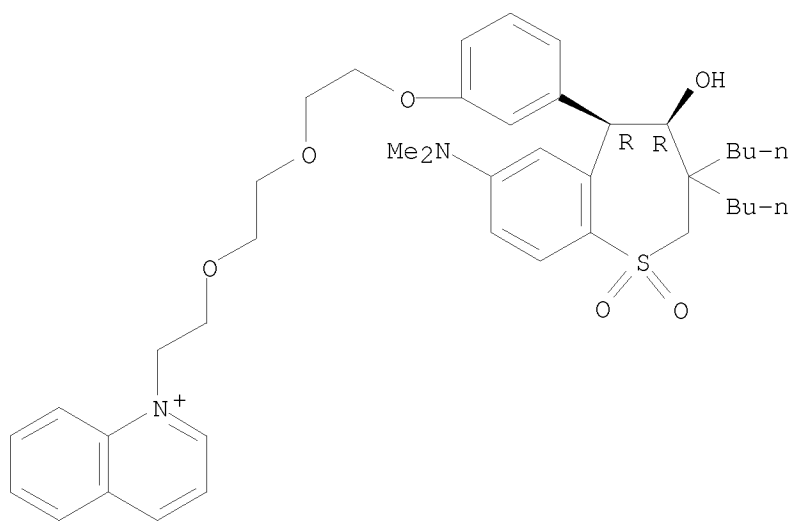
Relative stereochemistry.



10/590,458

L18 ANSWER 381 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 751462-52-9 REGISTRY
ED Entered STN: 26 Sep 2004
CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H55 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

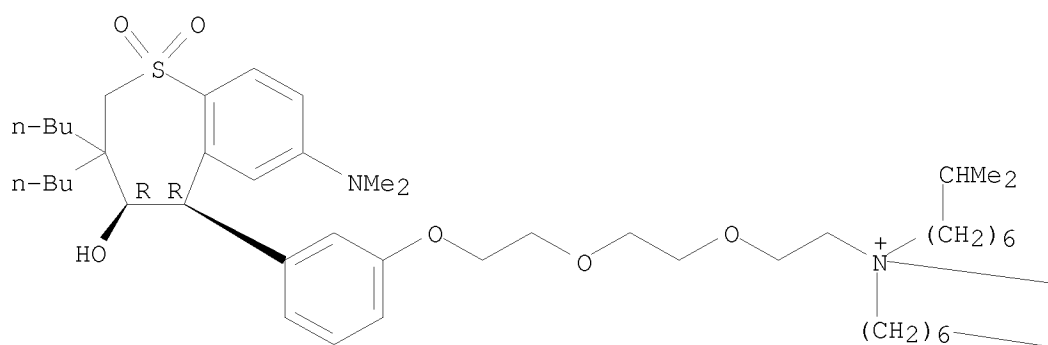


10/590,458

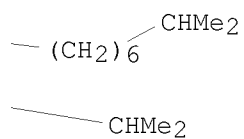
L18 ANSWER 382 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 750552-69-3 REGISTRY
ED Entered STN: 24 Sep 2004
CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-7-methyl-N,N-bis(7-methyloctyl)-, rel-
(CA INDEX NAME)
FS STEREOSEARCH
MF C59 H105 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

PAGE 1-A



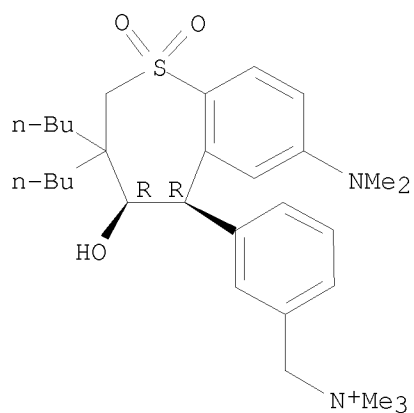
PAGE 1-B



10/590,458

L18 ANSWER 383 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 749832-81-3 REGISTRY
ED Entered STN: 23 Sep 2004
CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H47 N2 O3 S
CI COM
SR CA

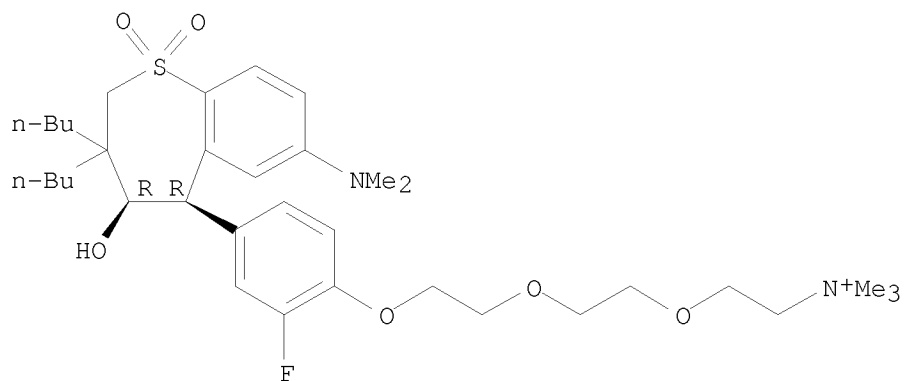
Relative stereochemistry.



10/590,458

L18 ANSWER 376 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 753431-41-3 REGISTRY
ED Entered STN: 29 Sep 2004
CN Ethanaminium, 2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H56 F N2 O6 S
CI COM
SR CA

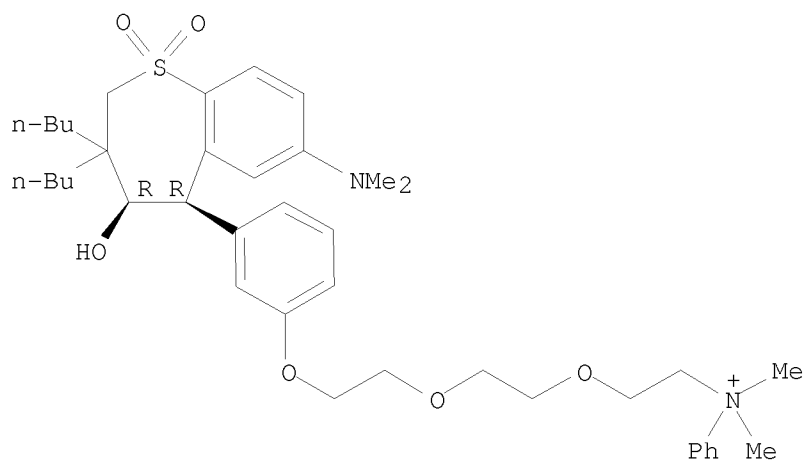
Relative stereochemistry.



10/590,458

L18 ANSWER 377 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 752965-61-0 REGISTRY
ED Entered STN: 27 Sep 2004
CN Benzenaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H59 N2 O6 S
CI COM
SR CA

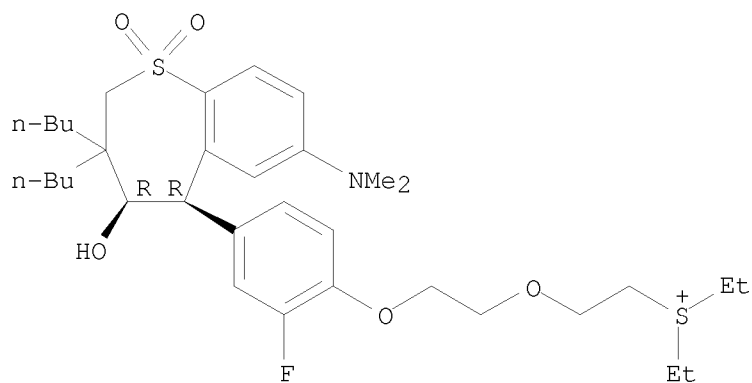
Relative stereochemistry.



10/590,458

L18 ANSWER 378 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 752184-19-3 REGISTRY
ED Entered STN: 26 Sep 2004
CN Sulfonium, [2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H53 F N O5 S2
CI COM
SR CA

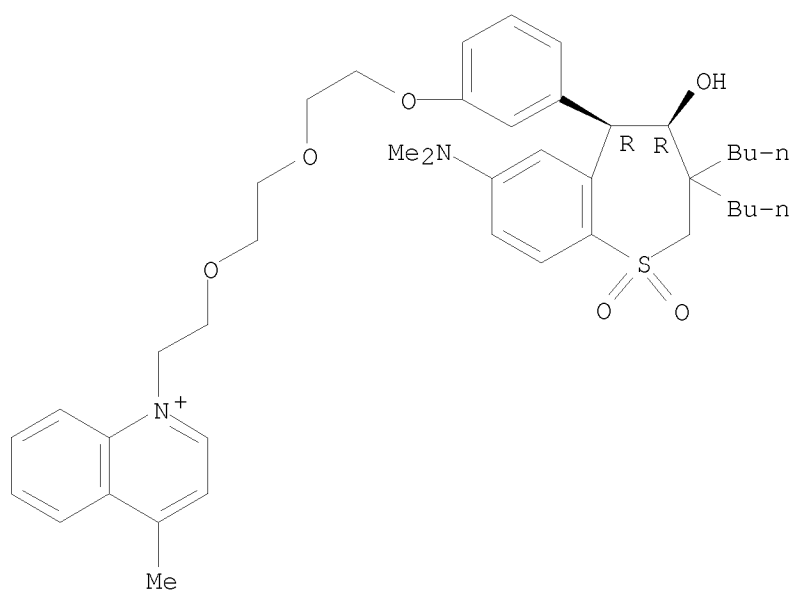
Relative stereochemistry.



10/590,458

L18 ANSWER 379 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 752184-18-2 REGISTRY
ED Entered STN: 26 Sep 2004
CN Quinolinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H57 N2 O6 S
CI COM
SR CA

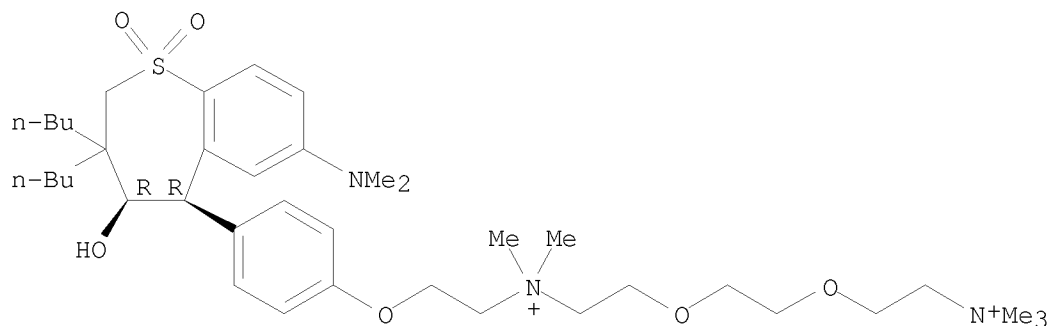
Relative stereochemistry.



10/590,458

L18 ANSWER 372 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 754174-38-4 REGISTRY
ED Entered STN: 30 Sep 2004
CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]phenoxy]-N,N-dimethyl-N-[2-[2-[2-(trimethylammonio)ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H67 N3 O6 S
CI COM
SR CA

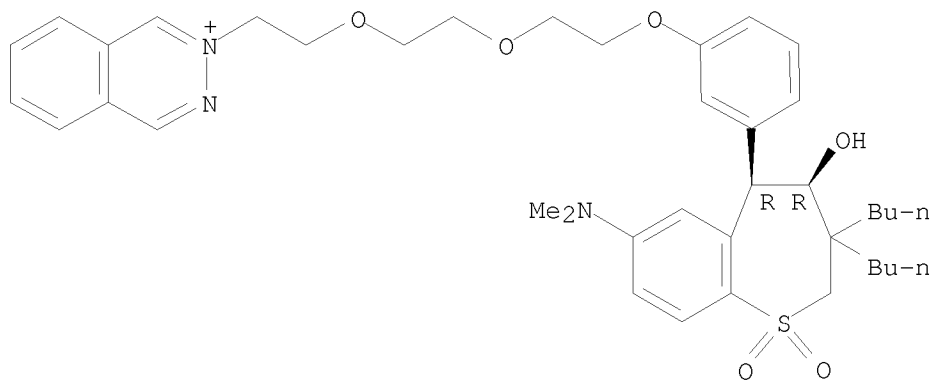
Relative stereochemistry.



10/590,458

L18 ANSWER 373 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 754169-75-0 REGISTRY
ED Entered STN: 30 Sep 2004
CN Phthalazinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H54 N3 O6 S
CI COM
SR CA

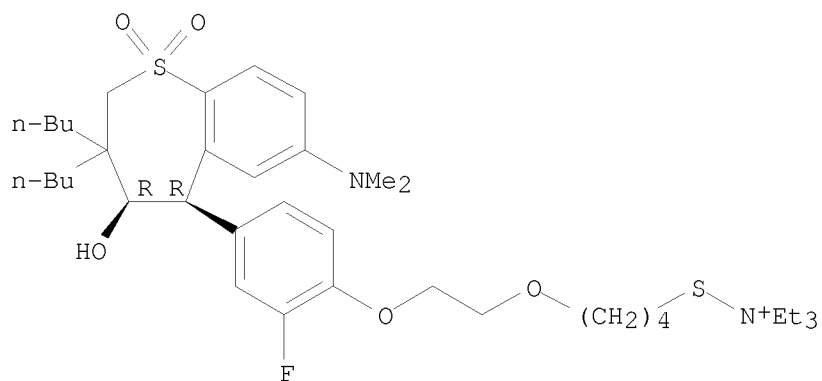
Relative stereochemistry.



10/590,458

L18 ANSWER 374 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 754167-58-3 REGISTRY
ED Entered STN: 29 Sep 2004
CN Ethanaminium, N-[[4-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]butyl]thio]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H62 F N2 O5 S2
CI COM
SR CA

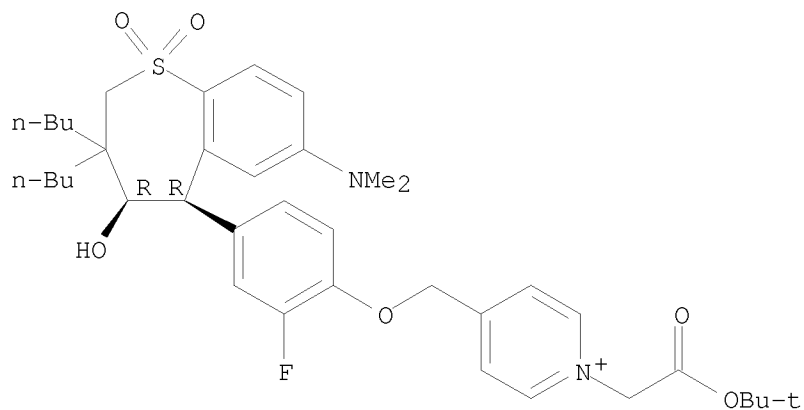
Relative stereochemistry.



10/590,458

L18 ANSWER 375 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 753431-42-4 REGISTRY
ED Entered STN: 29 Sep 2004
CN Pyridinium, 4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]methyl]-1-[2-(1,1-dimethylethoxy)-2-oxoethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H52 F N2 O6 S
CI COM
SR CA

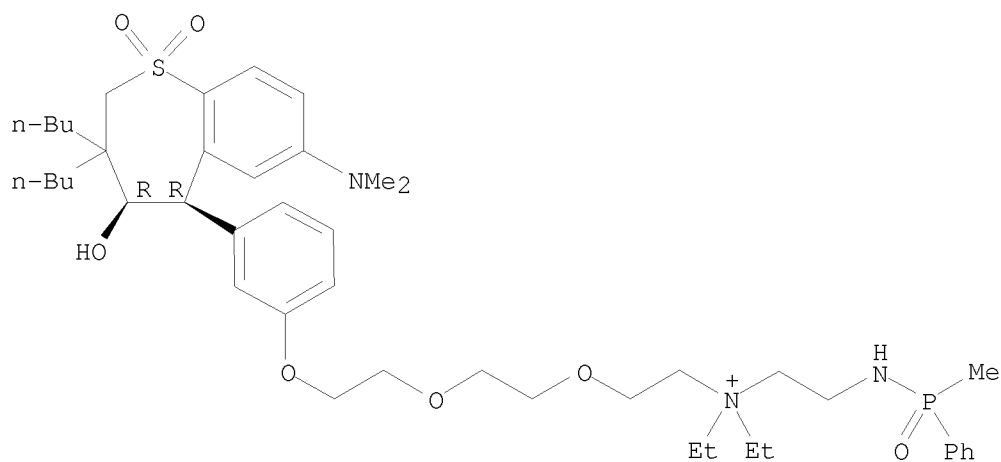
Relative stereochemistry.



10/590,458

L18 ANSWER 368 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 755735-07-0 REGISTRY
ED Entered STN: 01 Oct 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(methylphenylphosphinyl)amino]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H71 N3 O7 P S
CI COM
SR CA

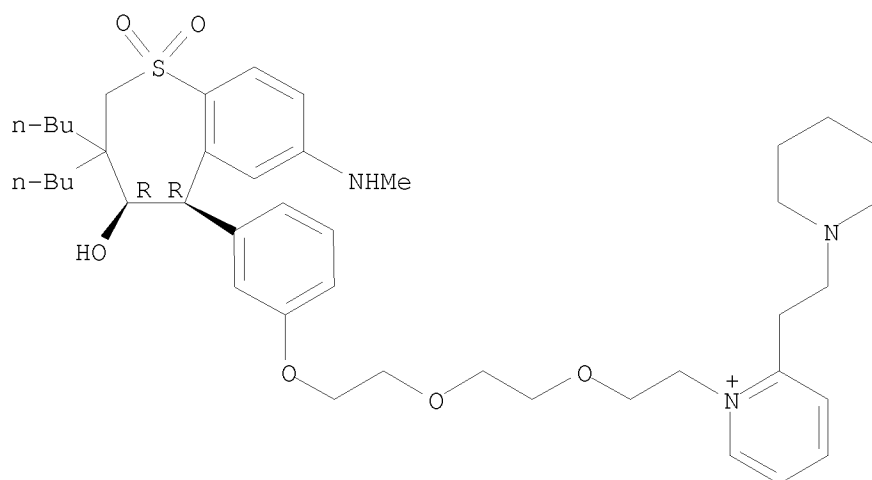
Relative stereochemistry.



10/590,458

L18 ANSWER 369 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 755735-06-9 REGISTRY
ED Entered STN: 01 Oct 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[2-(1-piperidinyl)ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H64 N3 O6 S
CI COM
SR CA

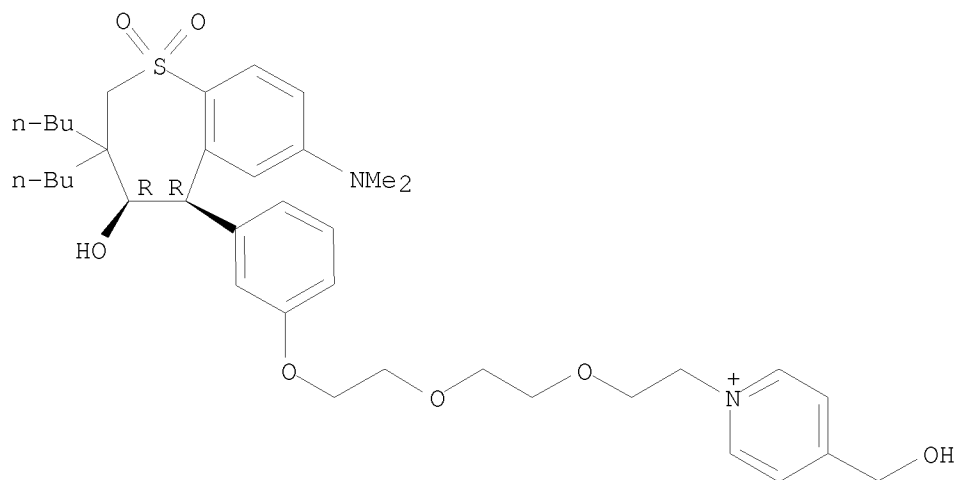
Relative stereochemistry.



10/590,458

L18 ANSWER 370 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 754961-69-8 REGISTRY
ED Entered STN: 01 Oct 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H55 N2 O7 S
CI COM
SR CA

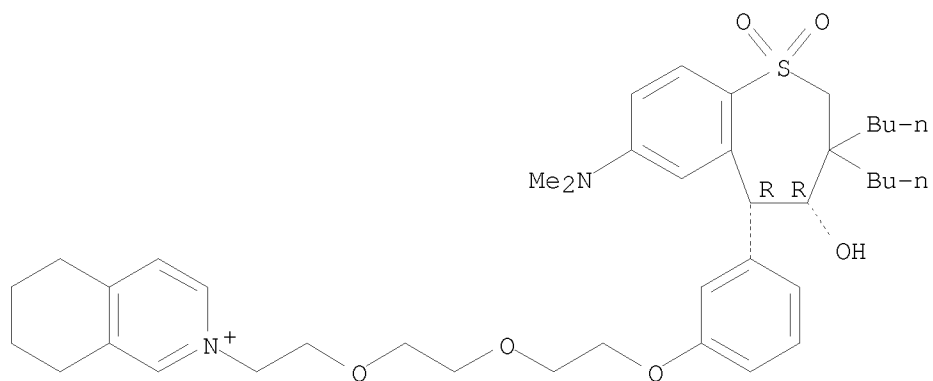
Relative stereochemistry.



10/590,458

L18 ANSWER 371 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 754959-50-7 REGISTRY
ED Entered STN: 01 Oct 2004
CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-5,6,7,8-tetrahydro-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H59 N2 O6 S
CI COM
SR CA

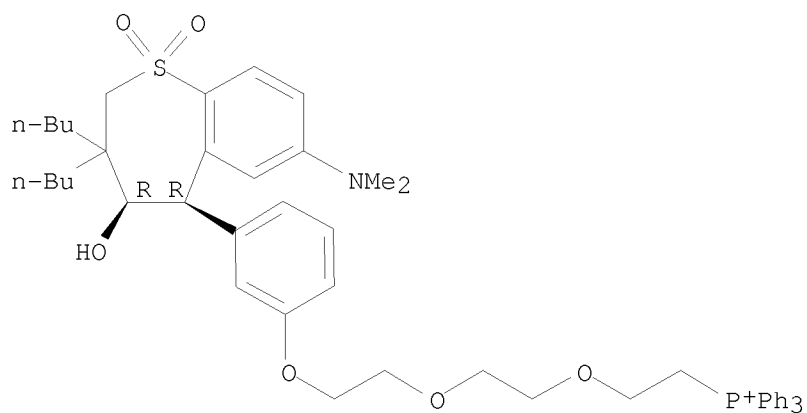
Relative stereochemistry.



10/590,458

L18 ANSWER 364 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 756799-89-0 REGISTRY
ED Entered STN: 05 Oct 2004
CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triphenyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C50 H63 N O6 P S
CI COM
SR CA

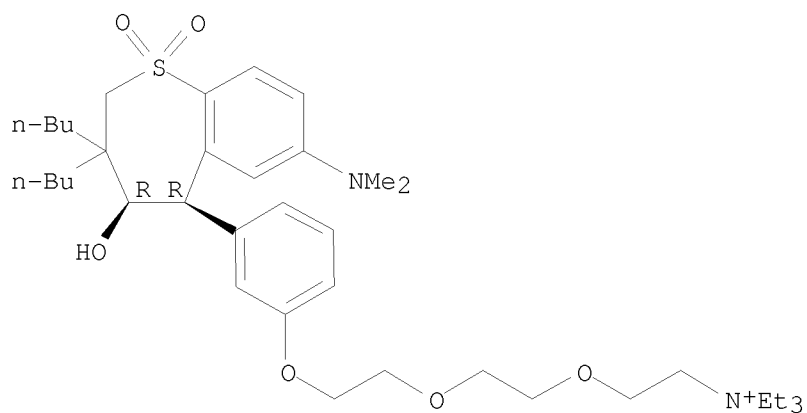
Relative stereochemistry.



10/590,458

L18 ANSWER 365 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 756799-88-9 REGISTRY
ED Entered STN: 05 Oct 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H63 N2 O6 S
CI COM
SR CA

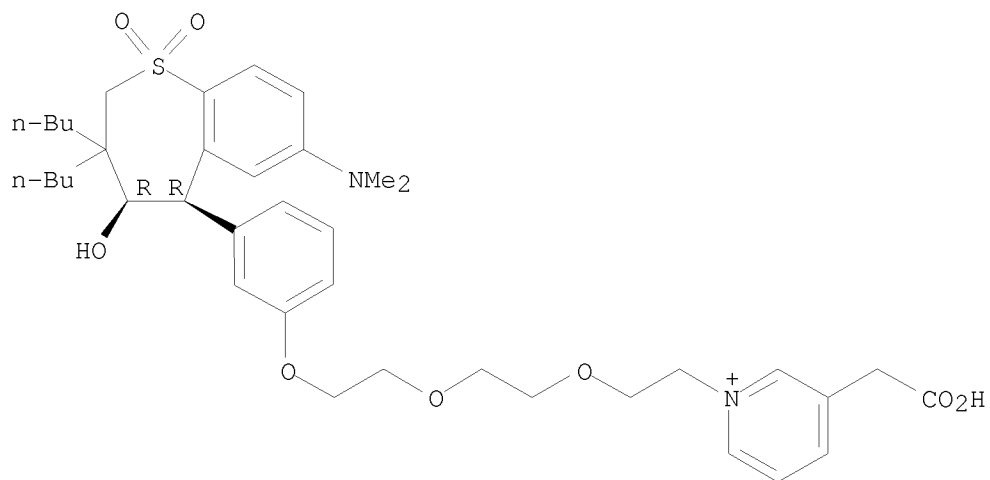
Relative stereochemistry.



10/590,458

L18 ANSWER 366 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 756458-22-7 REGISTRY
ED Entered STN: 04 Oct 2004
CN Pyridinium, 3-(carboxymethyl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H55 N2 O8 S
CI COM
SR CA

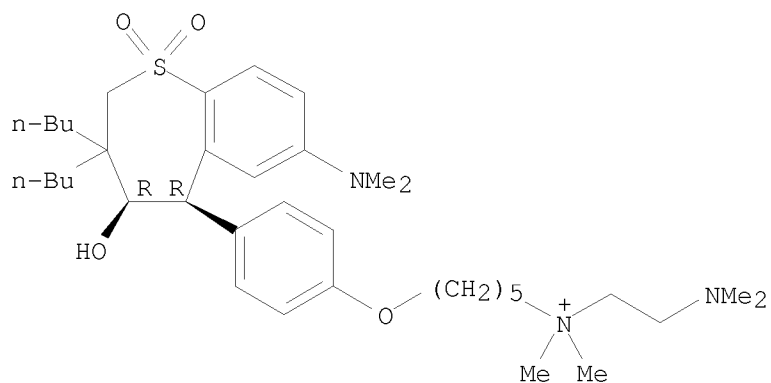
Relative stereochemistry.



10/590,458

L18 ANSWER 367 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 755741-91-4 REGISTRY
ED Entered STN: 01 Oct 2004
CN 1-Pentanaminium, 5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H62 N3 O4 S
CI COM
SR CA

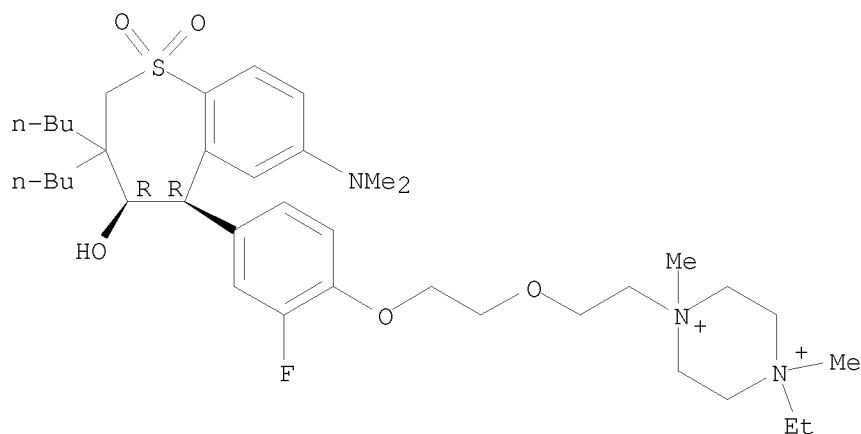
Absolute stereochemistry.



10/590,458

L18 ANSWER 360 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 757176-12-8 REGISTRY
ED Entered STN: 06 Oct 2004
CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-4-ethyl-1,4-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H62 F N3 O5 S
CI COM
SR CA

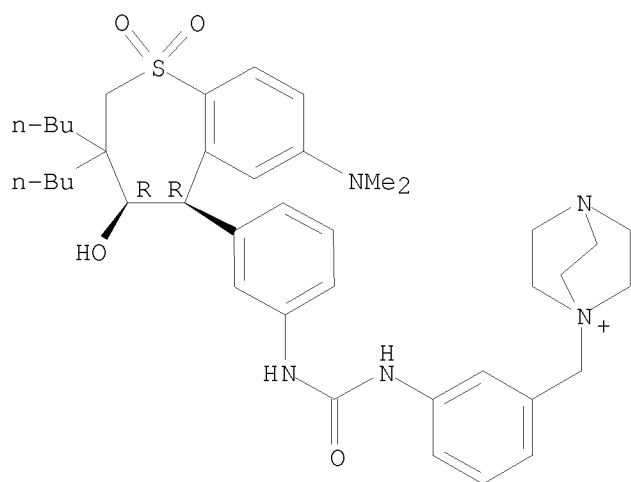
Relative stereochemistry.



10/590,458

L18 ANSWER 361 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 757176-09-3 REGISTRY
ED Entered STN: 06 Oct 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[[3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenyl]amino]carbonyl]amino]phenyl]methyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H56 N5 O4 S
CI COM
SR CA

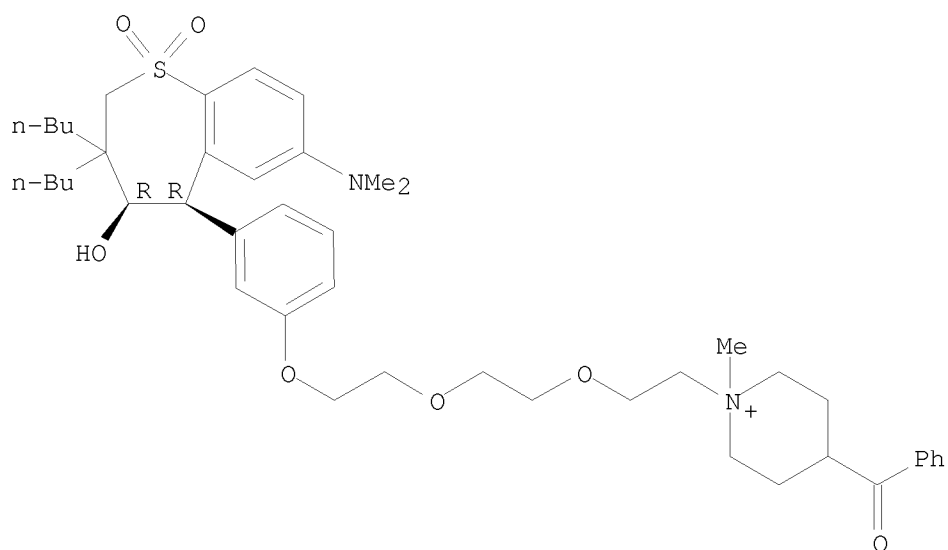
Relative stereochemistry.



10/590,458

L18 ANSWER 362 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 757169-26-9 REGISTRY
ED Entered STN: 06 Oct 2004
CN Piperidinium, 4-benzoyl-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H65 N2 O7 S
CI COM
SR CA

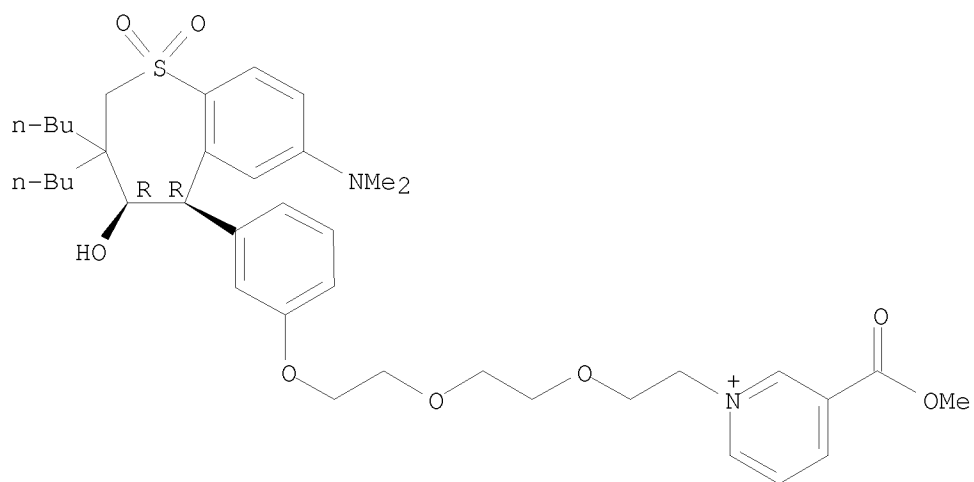
Relative stereochemistry.



10/590,458

L18 ANSWER 363 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 757169-25-8 REGISTRY
ED Entered STN: 06 Oct 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-3-(methoxycarbonyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H55 N2 O8 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 356 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 759439-64-0 REGISTRY

ED Entered STN: 10 Oct 2004

CN 1,2-Ethanediaminium, N1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N1,N1,N2,N2,N2-pentamethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,2-Ethanediaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,N',N',N'-pentamethyl-, rel- (9CI)

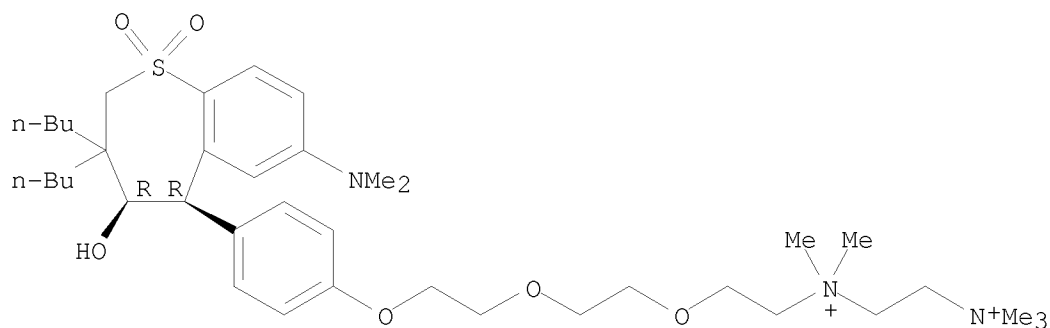
FS STEREOSEARCH

MF C39 H67 N3 O6 S

CI COM

SR CA

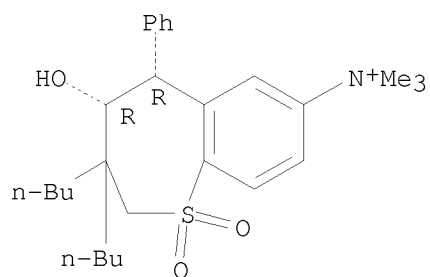
Relative stereochemistry.



10/590,458

L18 ANSWER 357 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 758667-22-0 REGISTRY
ED Entered STN: 08 Oct 2004
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-N,N,N-trimethyl-5-phenyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H40 N O3 S
CI COM
SR CA

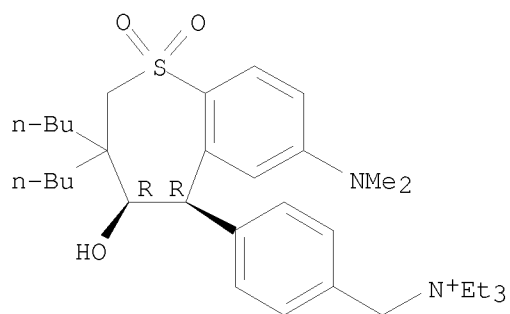
Relative stereochemistry.



10/590,458

L18 ANSWER 358 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 757923-63-0 REGISTRY
ED Entered STN: 06 Oct 2004
CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H53 N2 O3 S
CI COM
SR CA

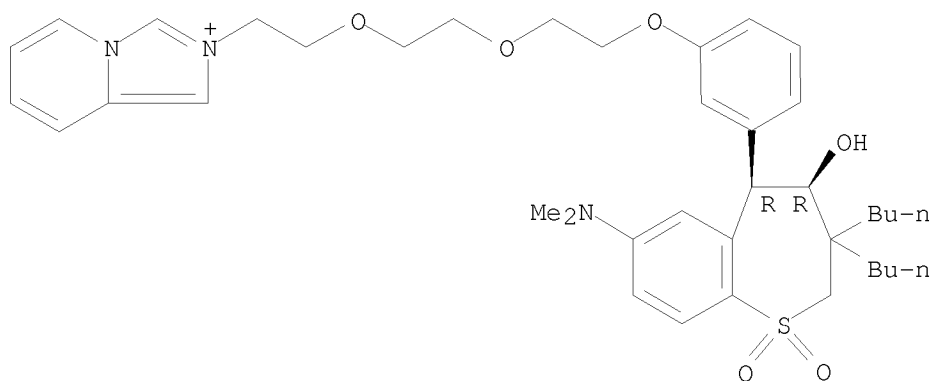
Relative stereochemistry.



10/590,458

L18 ANSWER 359 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 757923-62-9 REGISTRY
ED Entered STN: 06 Oct 2004
CN Imidazo[1,5-a]pyridinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H54 N3 O6 S
CI COM
SR CA

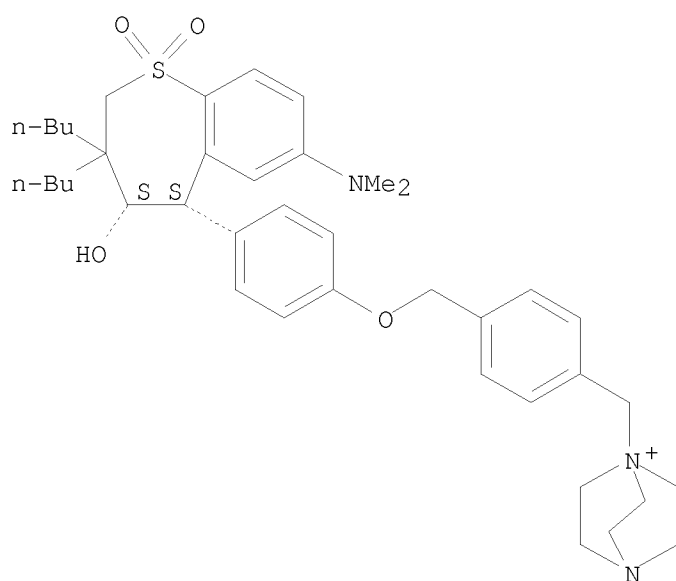
Relative stereochemistry.



10/590,458

L18 ANSWER 348 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 760930-98-1 REGISTRY
ED Entered STN: 11 Oct 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[(4S,5S)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-
(CA INDEX NAME)
FS STEREOSEARCH
MF C40 H56 N3 O4 S
CI COM
SR CA

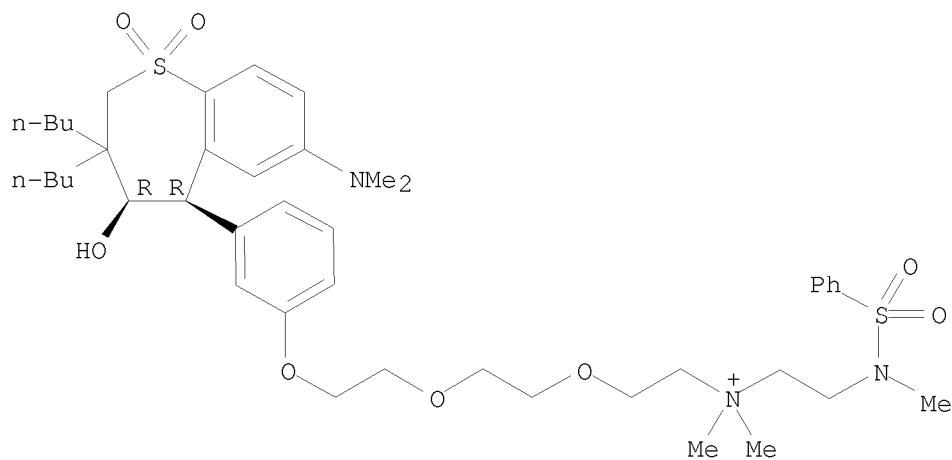
Absolute stereochemistry.



10/590,458

L18 ANSWER 349 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 760929-15-5 REGISTRY
ED Entered STN: 11 Oct 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H66 N3 O8 S2
CI COM
SR CA

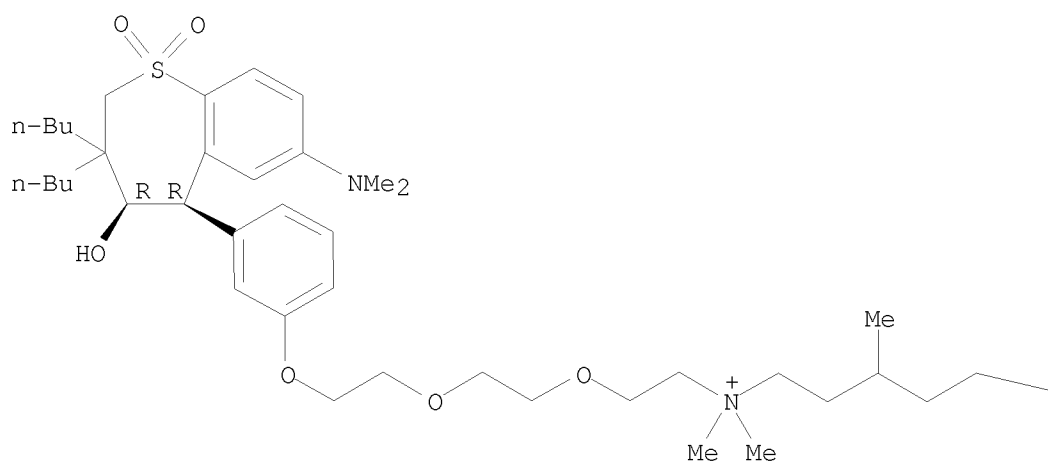
Relative stereochemistry.



L18 ANSWER 350 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 760926-96-3 REGISTRY
ED Entered STN: 11 Oct 2004
CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-5-(dimethylamino)-N,N,3-trimethyl-, rel-
(CA INDEX NAME)
FS STEREOSEARCH
MF C42 H72 N3 O6 S
CI COM
SR CA

Relative stereochemistry.

PAGE 1-A



PAGE 1-B

NMe2

10/590,458

L18 ANSWER 351 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 760926-95-2 REGISTRY

ED Entered STN: 11 Oct 2004

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, 2-(benzoylmethylamino)-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1H-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dimethyl-, rel- (9CI)

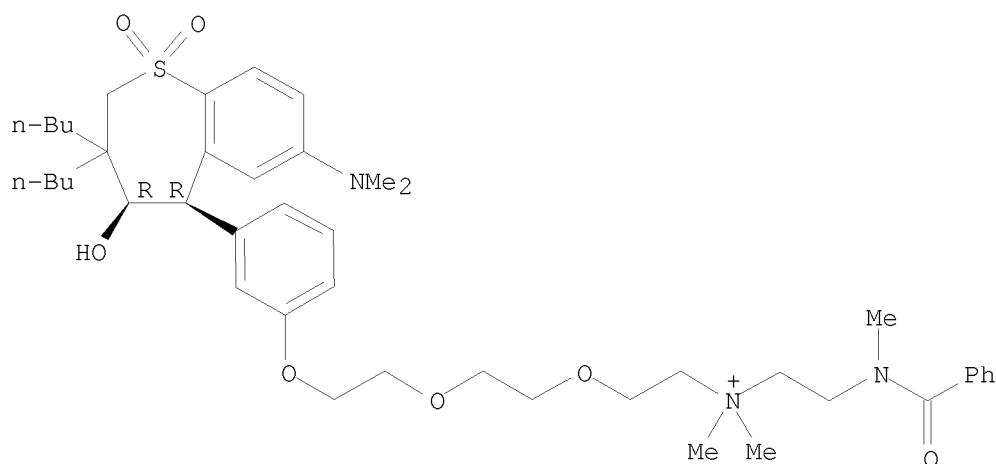
FS STEREOSEARCH

MF C44 H66 N3 O7 S

CI COM

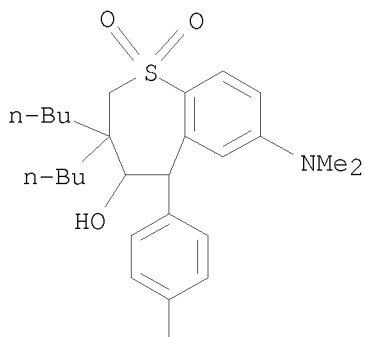
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 352 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 760167-75-7 REGISTRY
ED Entered STN: 11 Oct 2004
CN Ethanaminium, 2-[2-[2-[4-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-
4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N,N-
triethyl- (CA INDEX NAME)
MF C38 H63 N2 O6 S
CI COM
SR CA

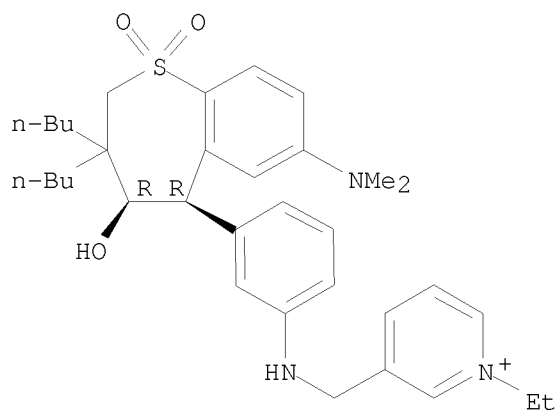


Et₃⁺N-CH₂-CH₂-O-CH₂-CH₂-O-CH₂-CH₂-O

10/590,458

L18 ANSWER 353 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 760162-10-5 REGISTRY
ED Entered STN: 11 Oct 2004
CN Pyridinium, 3-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H48 N3 O3 S
CI COM
SR CA

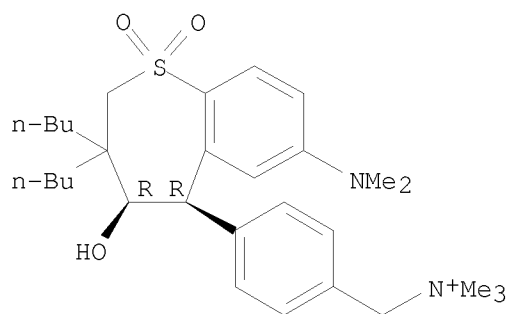
Relative stereochemistry.



10/590,458

L18 ANSWER 354 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 760155-26-8 REGISTRY
ED Entered STN: 11 Oct 2004
CN Benzenemethanaminium, 4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H47 N2 O3 S
CI COM
SR CA

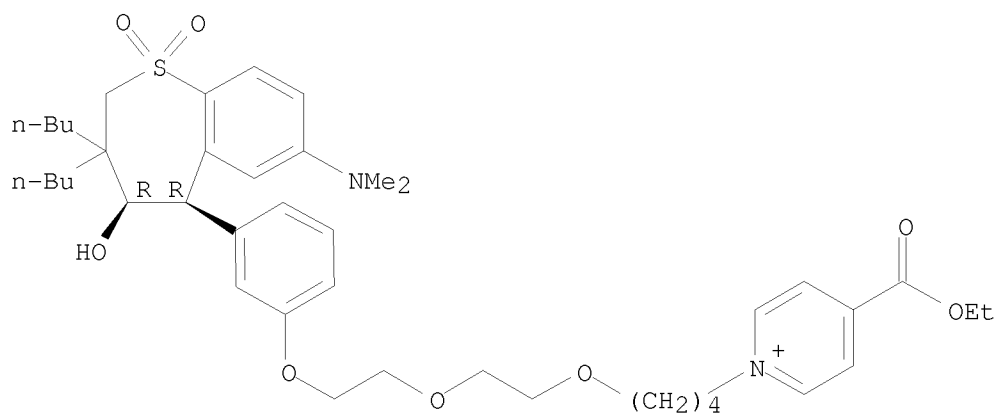
Relative stereochemistry.



10/590,458

L18 ANSWER 355 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 760155-25-7 REGISTRY
ED Entered STN: 11 Oct 2004
CN Pyridinium, 1-[4-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]butyl]-4-(ethoxycarbonyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H61 N2 O8 S
CI COM
SR CA

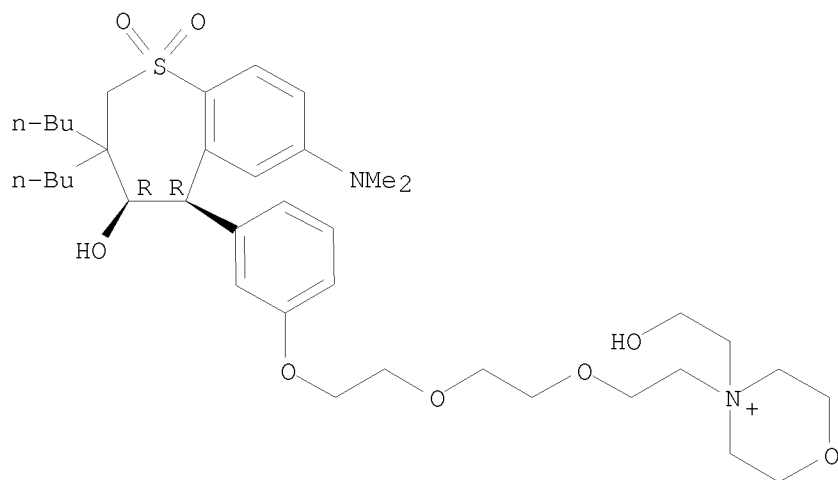
Relative stereochemistry.



10/590,458

L18 ANSWER 340 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 763065-01-6 REGISTRY
ED Entered STN: 15 Oct 2004
CN Morpholinium, 4-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(2-hydroxyethyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H61 N2 O8 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 341 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 762228-93-3 REGISTRY

ED Entered STN: 14 Oct 2004

CN Piperazinium, 4-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-1,4-dimethyl-1-(3-sulfopropyl)-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-1,4-dimethyl-4-(3-sulfopropyl)-, rel- (9CI)

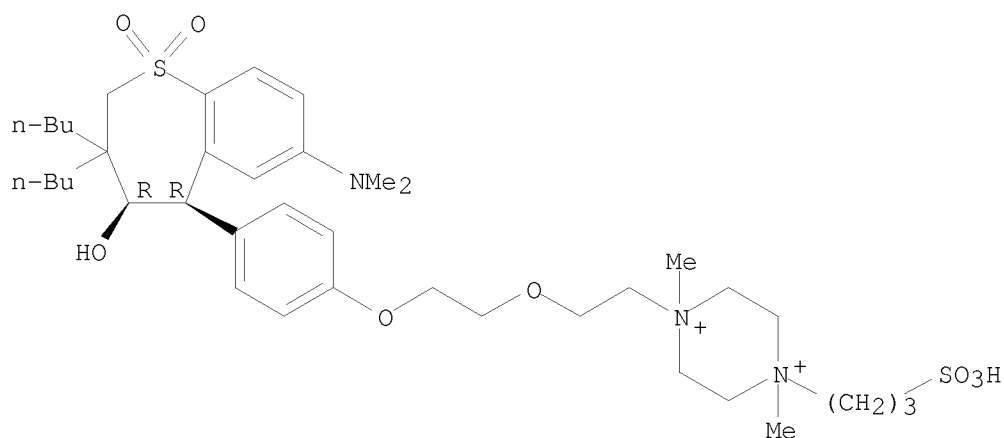
FS STEREOSEARCH

MF C39 H65 N3 O8 S2

CI COM

SR CA

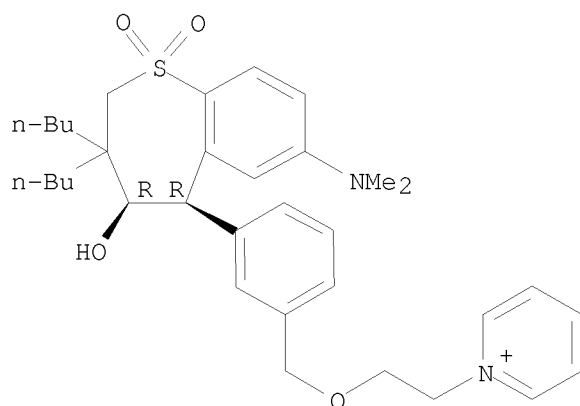
Relative stereochemistry.



10/590,458

L18 ANSWER 342 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 762228-90-0 REGISTRY
ED Entered STN: 14 Oct 2004
CN Pyridinium, 1-[2-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H47 N2 O4 S
CI COM
SR CA

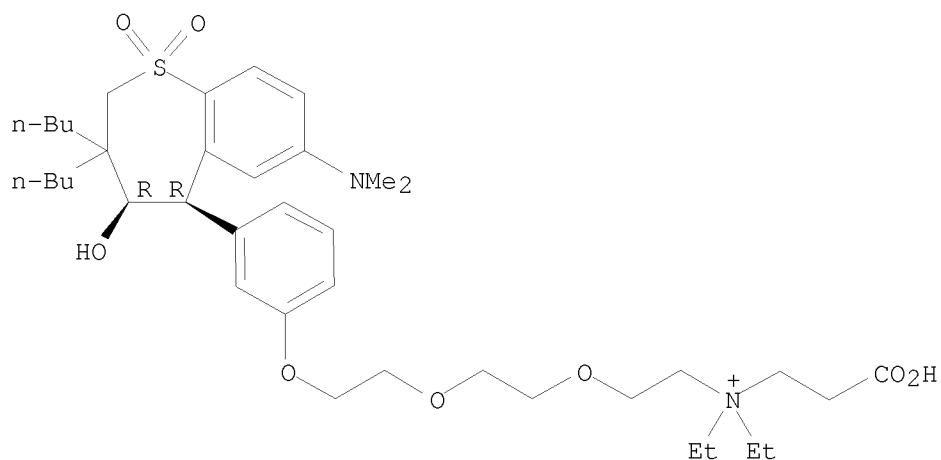
Relative stereochemistry.



10/590,458

L18 ANSWER 343 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 762222-06-0 REGISTRY
ED Entered STN: 13 Oct 2004
CN Ethanaminium, 2-carboxy-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H63 N2 O8 S
CI COM
SR CA

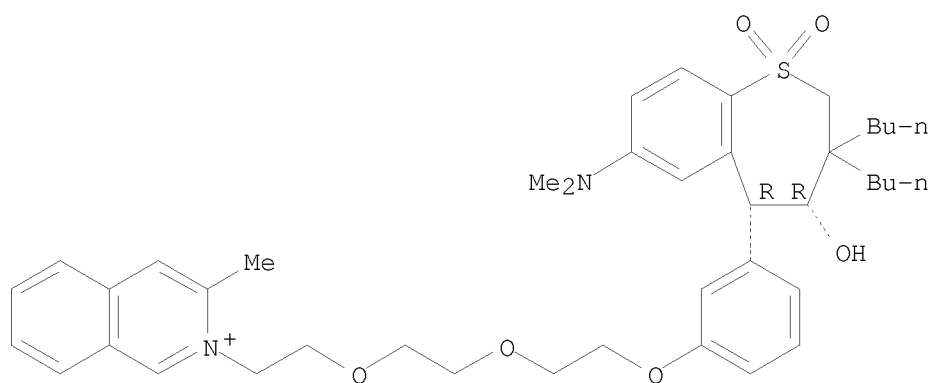
Relative stereochemistry.



10/590,458

L18 ANSWER 344 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 762222-05-9 REGISTRY
ED Entered STN: 13 Oct 2004
CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-3-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H57 N2 O6 S
CI COM
SR CA

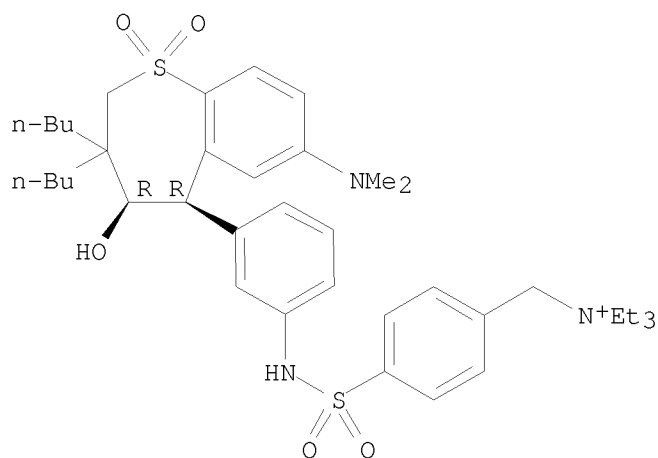
Relative stereochemistry.



10/590,458

L18 ANSWER 345 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 761389-41-7 REGISTRY
ED Entered STN: 13 Oct 2004
CN Benzenemethanaminium, 4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenyl]amino]sulfonyl]-N,N,N-triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H58 N3 O5 S2
CI COM
SR CA

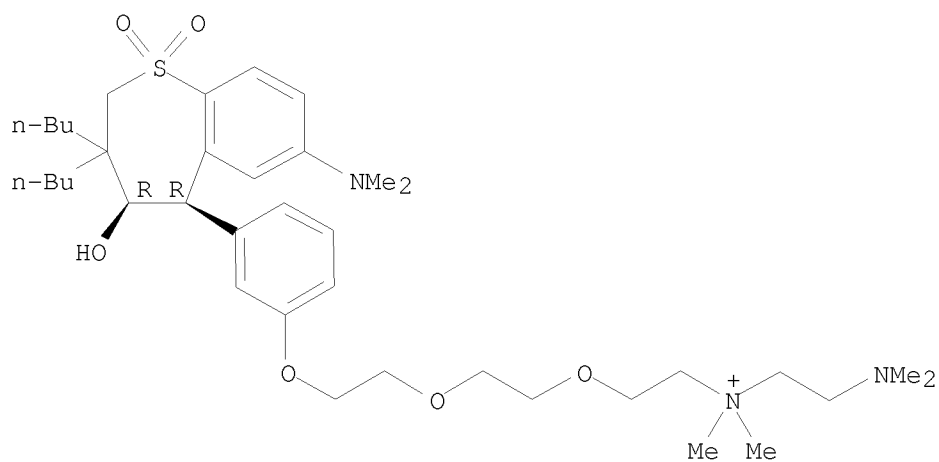
Relative stereochemistry.



10/590,458

L18 ANSWER 346 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 761382-58-5 REGISTRY
ED Entered STN: 13 Oct 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H64 N3 O6 S
CI COM
SR CA

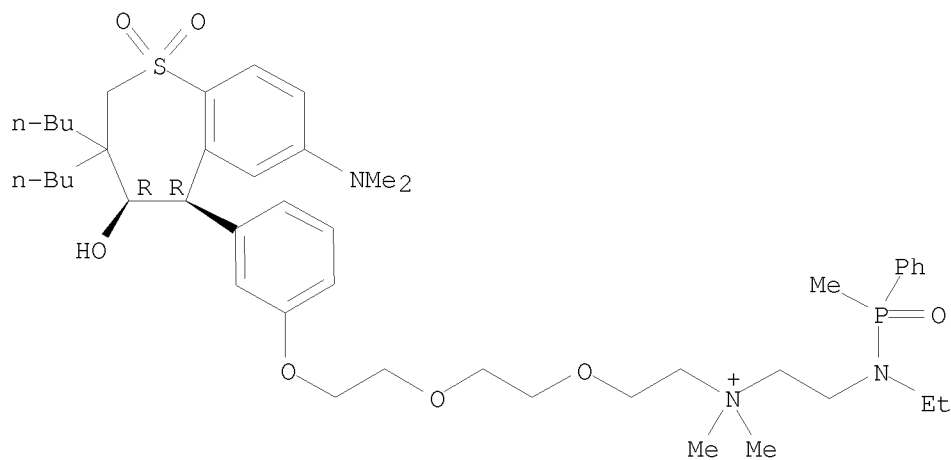
Relative stereochemistry.



10/590,458

L18 ANSWER 347 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 761382-57-4 REGISTRY
ED Entered STN: 13 Oct 2004
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[ethyl(methylphenylphosphinyl)amino]-N,N-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H71 N3 O7 P S
CI COM
SR CA

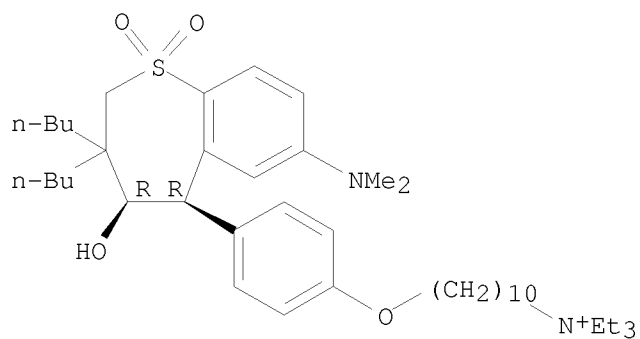
Relative stereochemistry.



10/590,458

L18 ANSWER 332 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 765252-38-8 REGISTRY
ED Entered STN: 18 Oct 2004
CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C42 H71 N2 O4 S
CI COM
SR CA

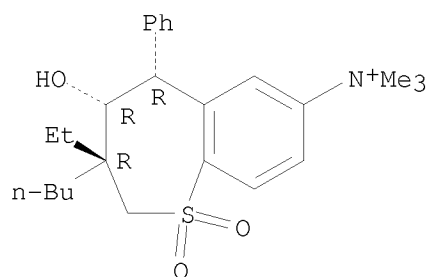
Relative stereochemistry.



10/590,458

L18 ANSWER 333 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 765252-37-7 REGISTRY
ED Entered STN: 18 Oct 2004
CN 1-Benzothiepin-7-aminium, 3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-
N,N,N-trimethyl-5-phenyl-, 1,1-dioxide, (3R,4R,5R)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H36 N O3 S
CI COM
SR CA

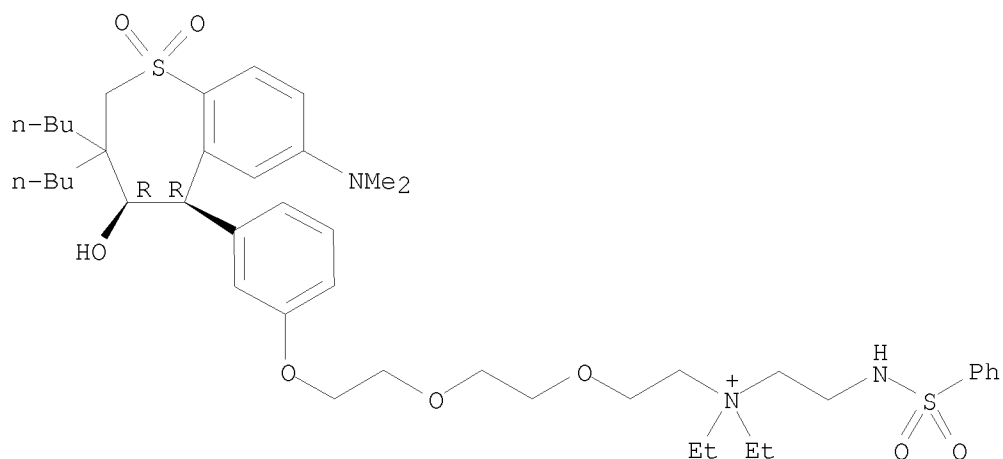
Relative stereochemistry.



10/590,458

L18 ANSWER 334 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 764629-60-9 REGISTRY
ED Entered STN: 17 Oct 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[(phenylsulfonyl)amino]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H68 N3 O8 S2
CI COM
SR CA

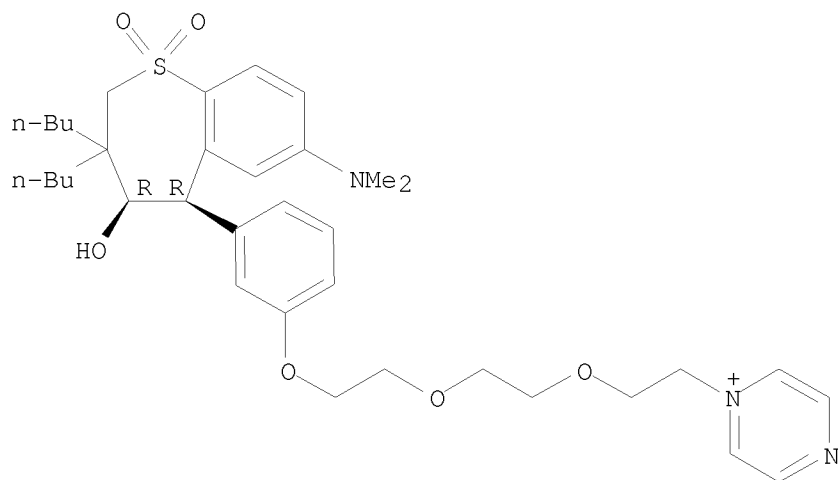
Relative stereochemistry.



10/590,458

L18 ANSWER 335 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 764629-59-6 REGISTRY
ED Entered STN: 17 Oct 2004
CN Pyrazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H52 N3 O6 S
CI COM
SR CA

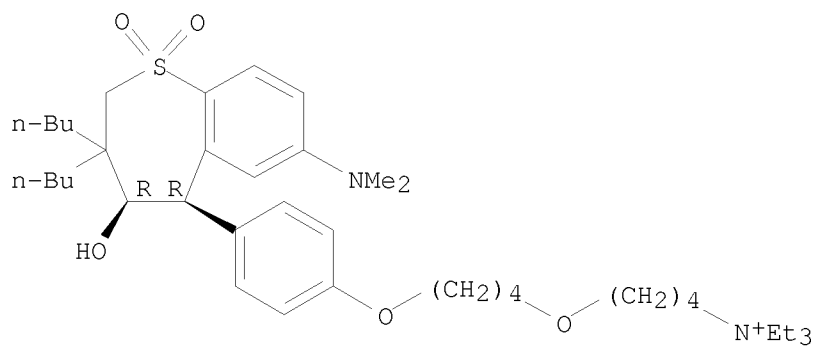
Relative stereochemistry.



10/590,458

L18 ANSWER 336 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 763915-16-8 REGISTRY
ED Entered STN: 17 Oct 2004
CN 1-Butanaminium, 4-[4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H67 N2 O5 S
CI COM
SR CA

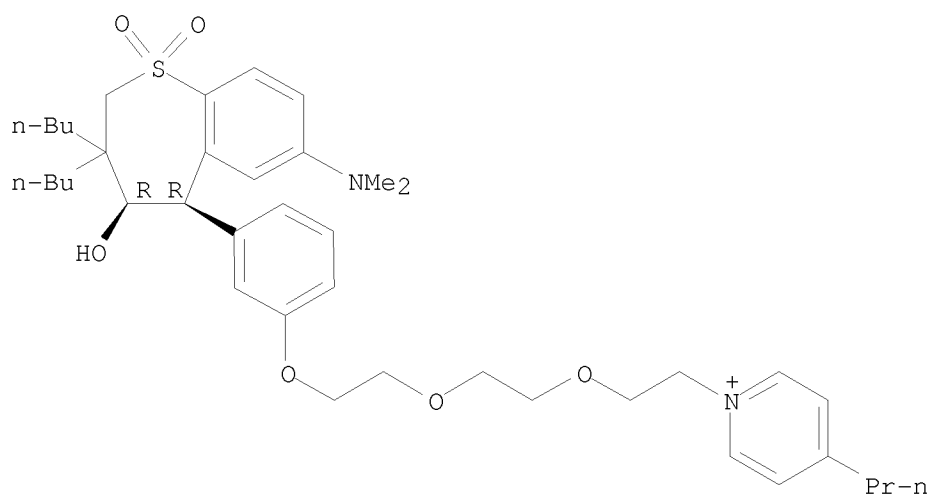
Relative stereochemistry.



10/590,458

L18 ANSWER 337 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 763908-32-3 REGISTRY
ED Entered STN: 15 Oct 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-propyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H59 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

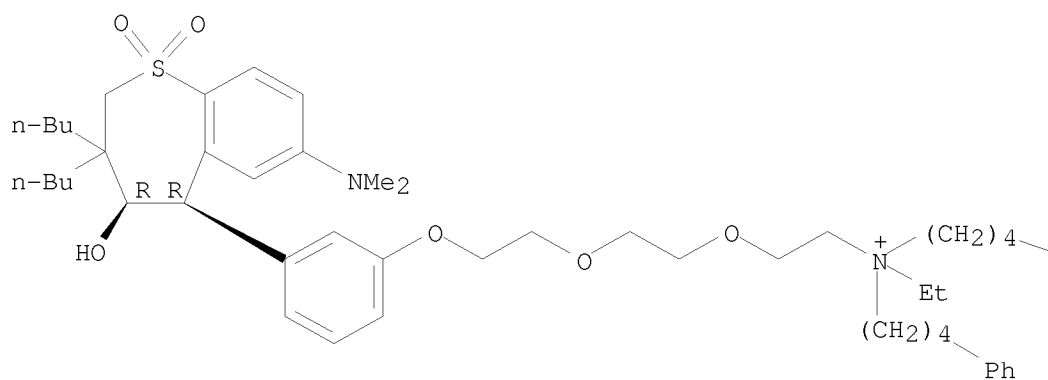


10/590,458

L18 ANSWER 338 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 763067-21-6 REGISTRY
ED Entered STN: 15 Oct 2004
CN Benzenebutanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N-ethyl-N-(4-phenylbutyl)-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C54 H79 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

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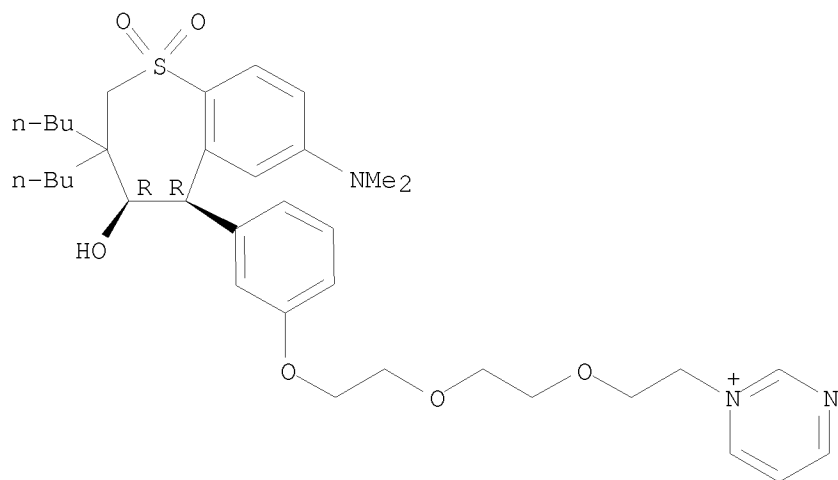
PAGE 1-B

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10/590,458

L18 ANSWER 339 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 763065-02-7 REGISTRY
ED Entered STN: 15 Oct 2004
CN Pyrimidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H52 N3 O6 S
CI COM
SR CA

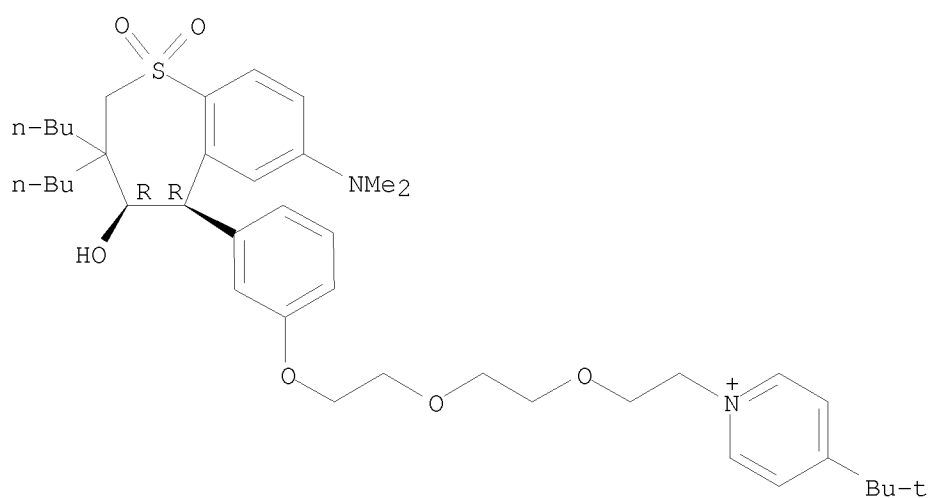
Relative stereochemistry.



10/590,458

L18 ANSWER 324 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 767611-23-4 REGISTRY
ED Entered STN: 22 Oct 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1,1-dimethylethyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H61 N2 O6 S
CI COM
SR CA

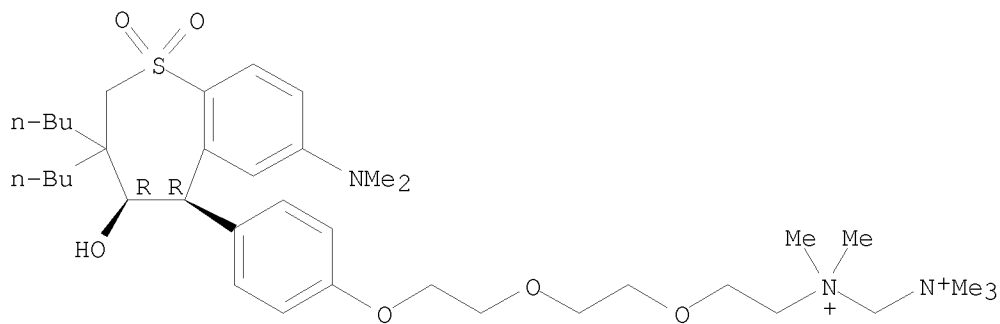
Relative stereochemistry.



10/590,458

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L18 ANSWER 325 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 767271-04-5  REGISTRY
ED Entered STN: 22 Oct 2004
CN Methanedianinium, N-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,N',N',N'-pentamethyl-, rel- (CA INDEX
NAME)
FS STEREOSEARCH
MF C38 H65 N3 O6 S
CI COM
SR CA
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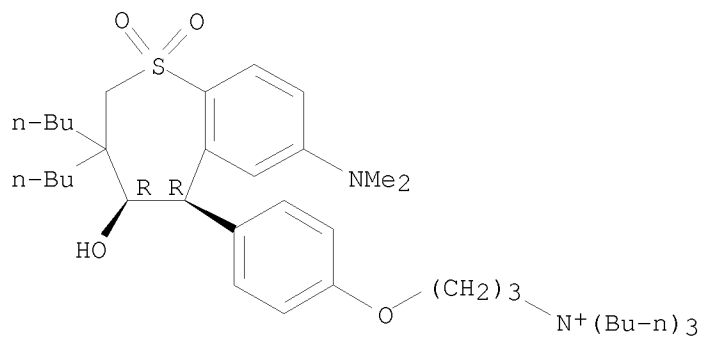
Relative stereochemistry.



10/590,458

L18 ANSWER 326 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 767268-85-9 REGISTRY
ED Entered STN: 22 Oct 2004
CN 1-Butanaminium, N,N-dibutyl-N-[3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]propyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H69 N2 O4 S
CI COM
SR CA

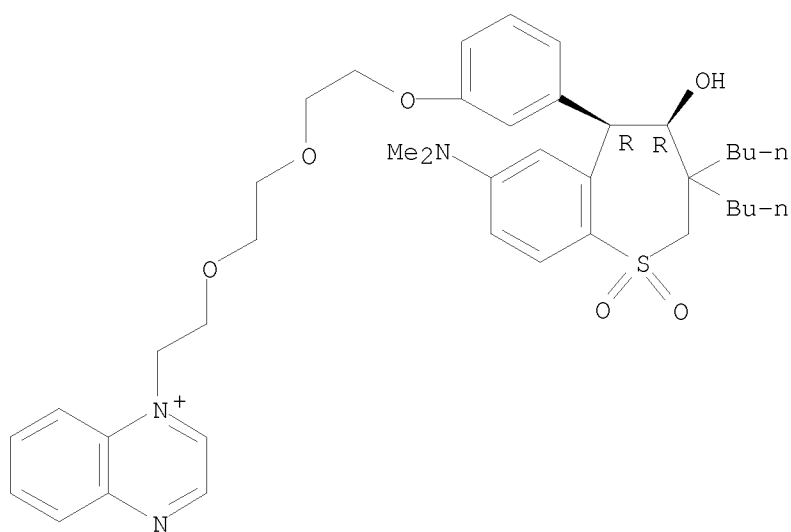
Relative stereochemistry.



10/590,458

L18 ANSWER 327 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 767268-84-8 REGISTRY
ED Entered STN: 22 Oct 2004
CN Quinoxalinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H54 N3 O6 S
CI COM
SR CA

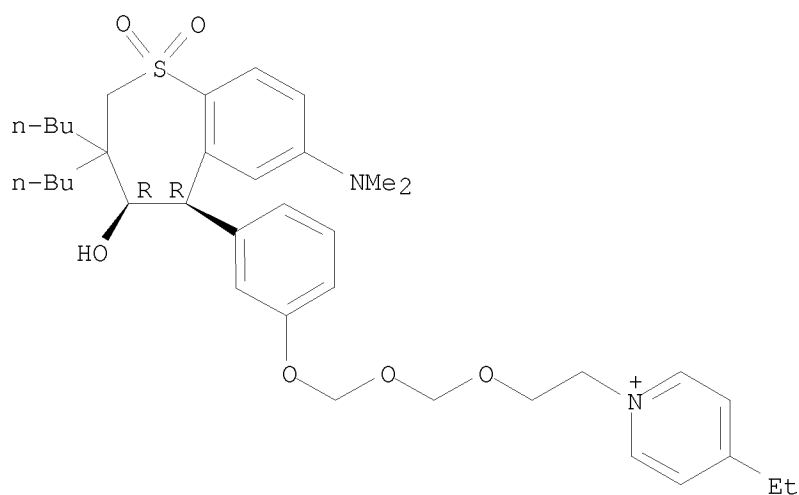
Relative stereochemistry.



10/590,458

L18 ANSWER 328 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 766492-23-3 REGISTRY
ED Entered STN: 21 Oct 2004
CN Pyridinium, 1-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-4-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H53 N2 O6 S
CI COM
SR CA

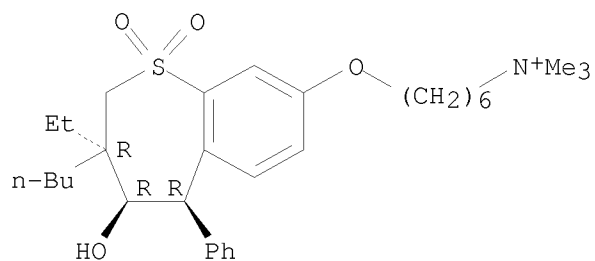
Relative stereochemistry.



10/590,458

L18 ANSWER 329 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 766490-04-4 REGISTRY
ED Entered STN: 21 Oct 2004
CN 1-Hexanaminium, 6-[[(3R,4R,5R)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]-N,N,N-trimethyl-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H48 N O4 S
CI COM
SR CA

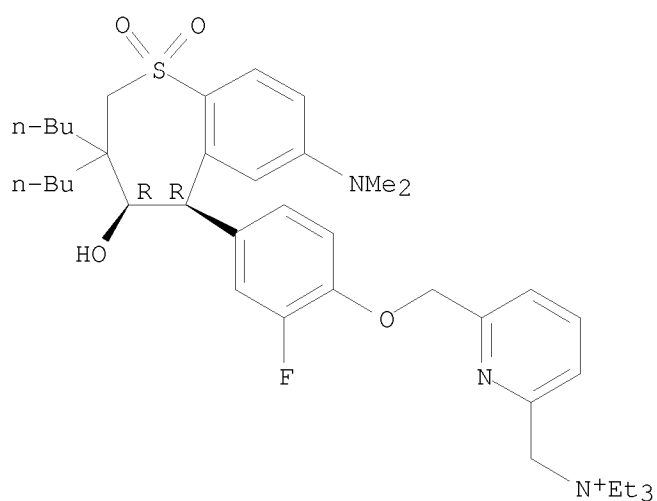
Relative stereochemistry.



10/590,458

L18 ANSWER 330 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 766490-03-3 REGISTRY
ED Entered STN: 21 Oct 2004
CN 2-Pyridinemethanaminium, 6-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-
fluorophenoxy]methyl]-N,N,N-triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H57 F N3 O4 S
CI COM
SR CA

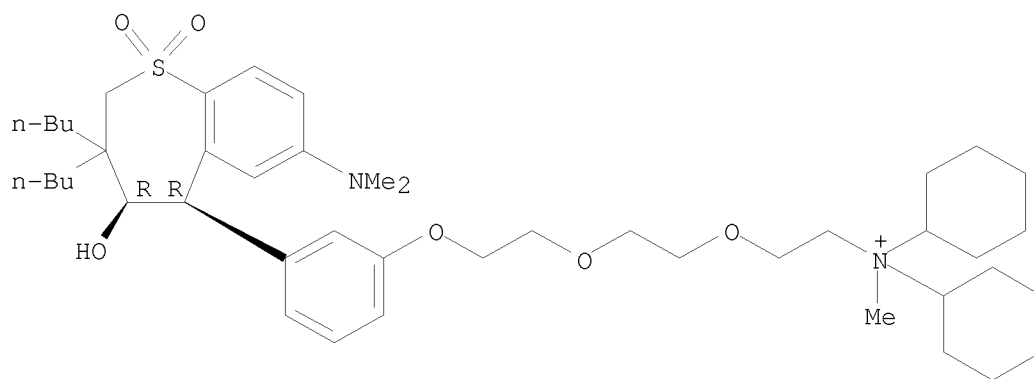
Relative stereochemistry.



10/590,458

L18 ANSWER 331 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 765881-37-6 REGISTRY
ED Entered STN: 20 Oct 2004
CN Cyclohexanaminium, N-cyclohexyl-N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H73 N2 O6 S
CI COM
SR CA

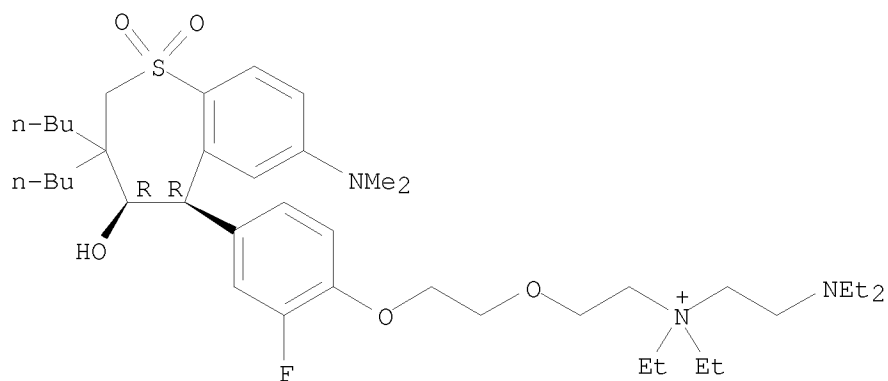
Relative stereochemistry.



10/590,458

L18 ANSWER 316 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 770691-01-5 REGISTRY
ED Entered STN: 27 Oct 2004
CN Ethanaminium, 2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H67 F N3 O5 S
CI COM
SR CA

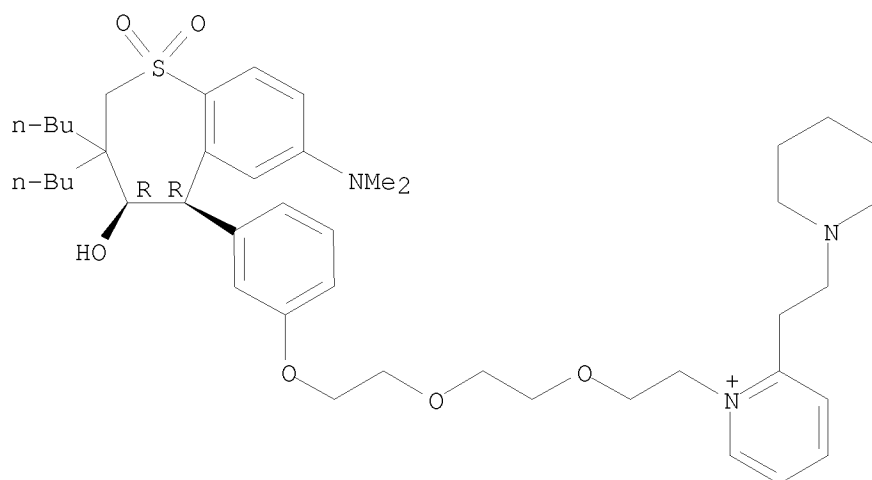
Relative stereochemistry.



10/590,458

L18 ANSWER 317 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 769904-99-6 REGISTRY
ED Entered STN: 26 Oct 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-[2-(1-piperidinyl)ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H66 N3 O6 S
CI COM
SR CA

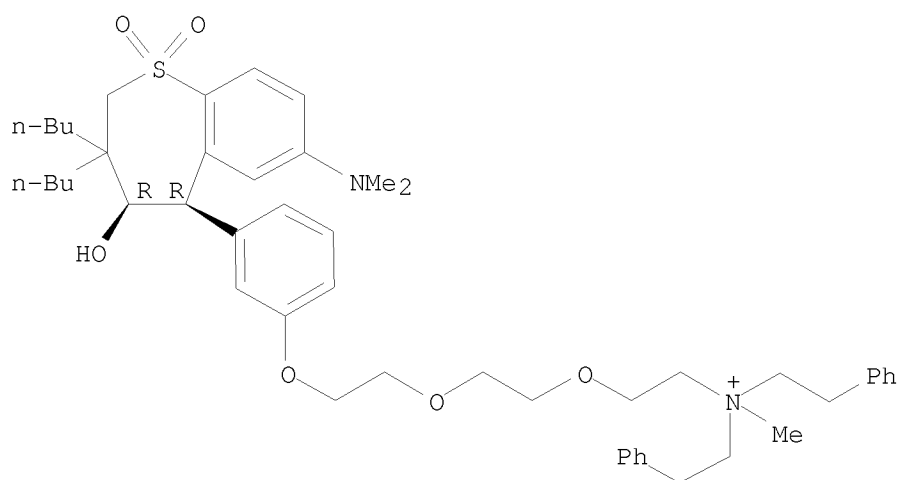
Relative stereochemistry.



10/590,458

L18 ANSWER 318 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 769902-80-9 REGISTRY
ED Entered STN: 26 Oct 2004
CN Benzeneethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N-methyl-N-(2-phenylethyl)-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C49 H69 N2 O6 S
CI COM
SR CA

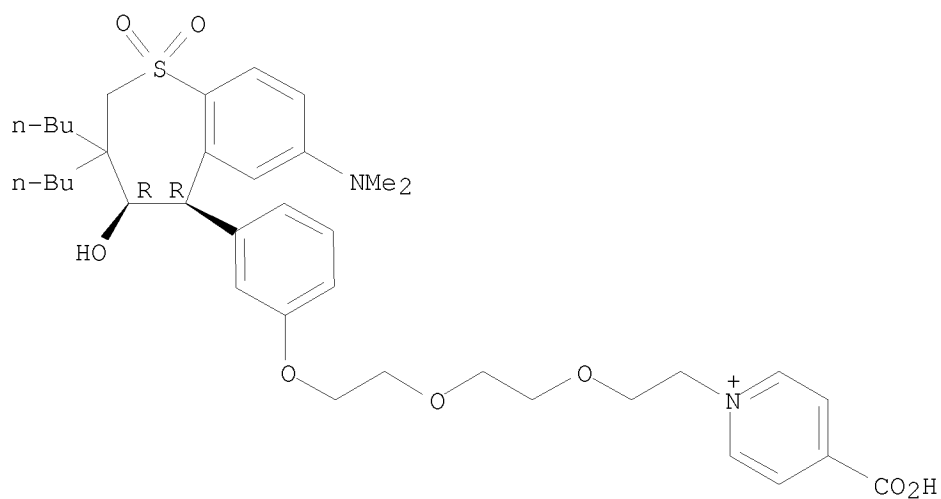
Relative stereochemistry.



10/590,458

L18 ANSWER 319 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 769902-79-6 REGISTRY
ED Entered STN: 26 Oct 2004
CN Pyridinium, 4-carboxy-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H53 N2 O8 S
CI COM
SR CA

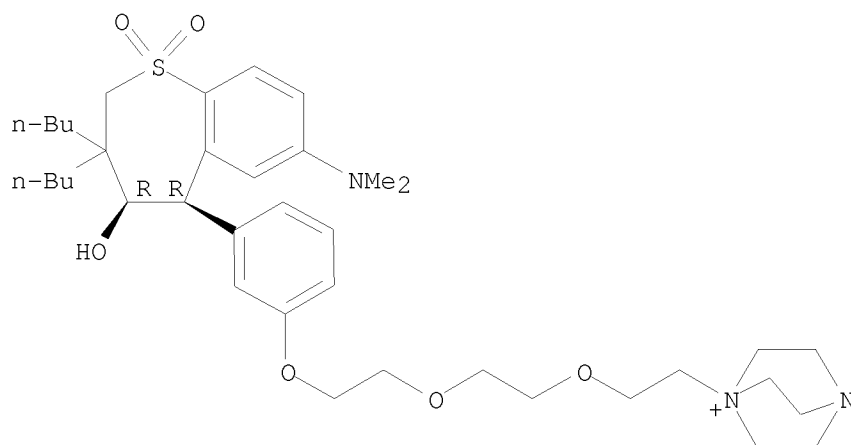
Relative stereochemistry.



10/590,458

L18 ANSWER 320 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 769101-25-9 REGISTRY
ED Entered STN: 25 Oct 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H60 N3 O6 S
CI COM
SR CA

Relative stereochemistry.



L18 ANSWER 321 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 768341-78-2 REGISTRY

ED Entered STN: 24 Oct 2004

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[(dimethylamino)sulfonyl]amino]ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N-[2-[(dimethylamino)sulfonyl]amino]ethyl]-N,N-diethyl-, rel- (9CI)

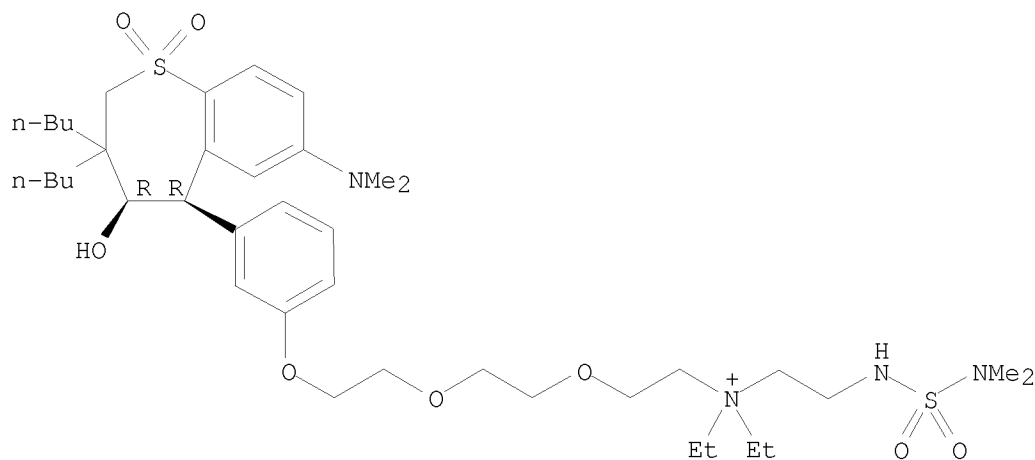
FS STEREOSEARCH

MF C40 H69 N4 O8 S2

CI COM

SR CA

Relative stereochemistry.



L18 ANSWER 322 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 768341-77-1 REGISTRY

ED Entered STN: 24 Oct 2004

CN 1,4,8,11-Tetraazacyclotetradecanium,
1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-
1,4,8,11-tetramethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4,8,11-Triaza-1-azoniacyclotetradecane,
1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-
1,4,8,11-tetramethyl-, rel- (9CI)

FS STEREOSEARCH

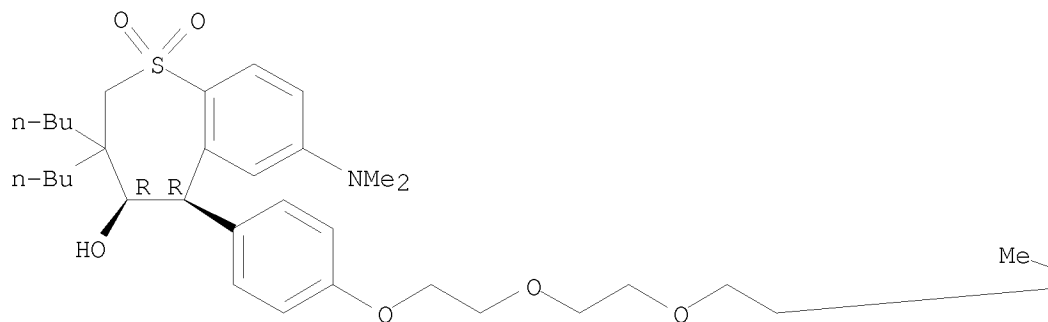
MF C46 H80 N5 O6 S

CI COM

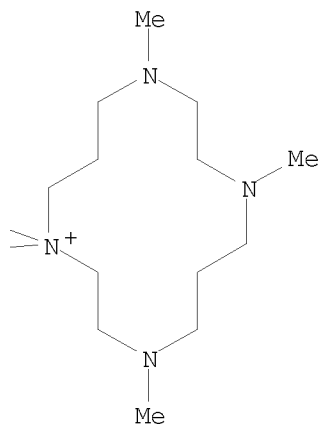
SR CA

Relative stereochemistry.

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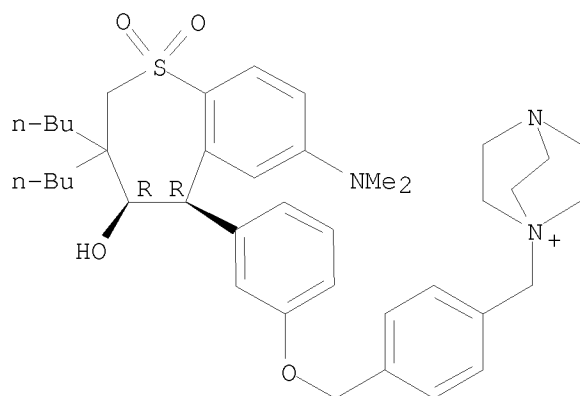
PAGE 1-B



10/590,458

L18 ANSWER 323 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 767620-96-2 REGISTRY
ED Entered STN: 24 Oct 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H56 N3 O4 S
CI COM
SR CA

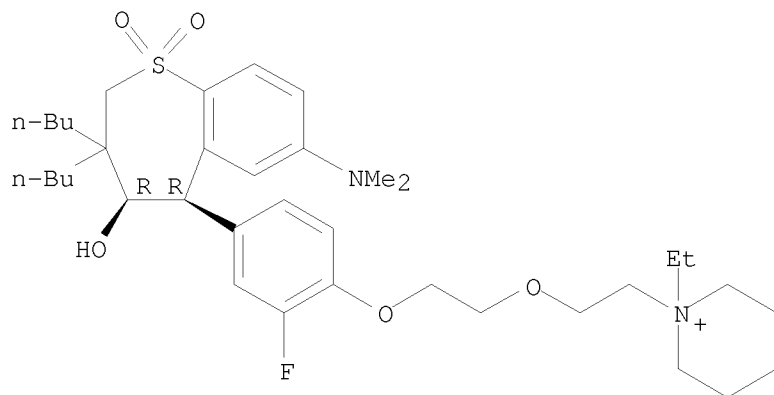
Relative stereochemistry.



10/590,458

L18 ANSWER 308 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 774519-90-3 REGISTRY
ED Entered STN: 04 Nov 2004
CN Piperidinium, 1-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethyl]-1-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H58 F N2 O5 S
CI COM
SR CA

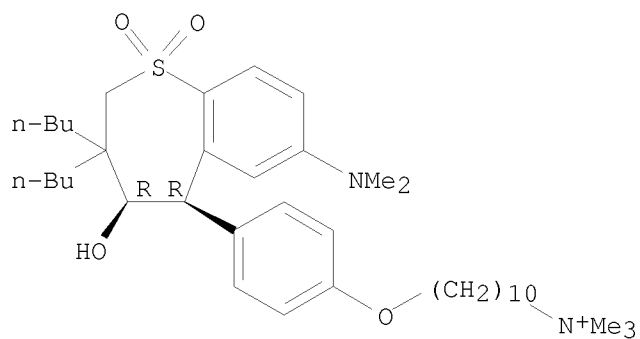
Relative stereochemistry.



10/590,458

L18 ANSWER 309 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 774164-07-7 REGISTRY
ED Entered STN: 02 Nov 2004
CN 1-Decanaminium, 10-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H65 N2 O4 S
CI COM
SR CA

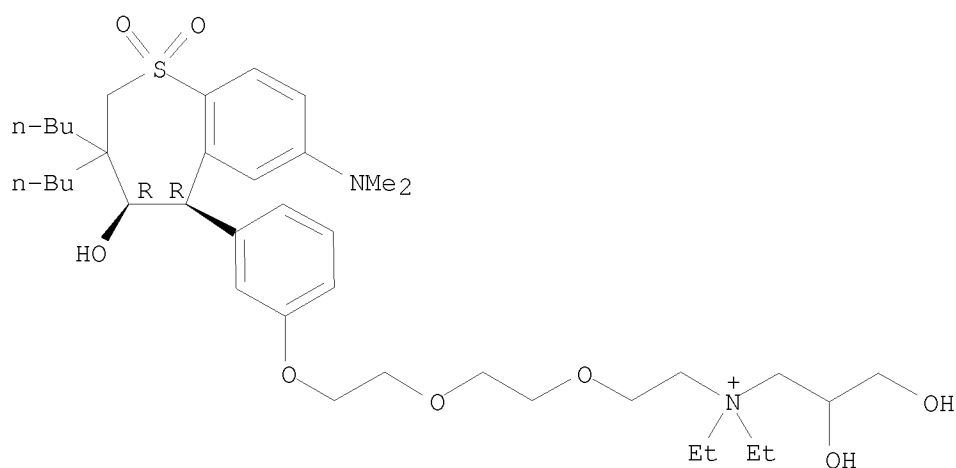
Relative stereochemistry.



10/590,458

L18 ANSWER 310 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 773830-46-9 REGISTRY
ED Entered STN: 01 Nov 2004
CN 1-Propanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-2,3-dihydroxy-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C39 H65 N2 O8 S
CI COM
SR CA

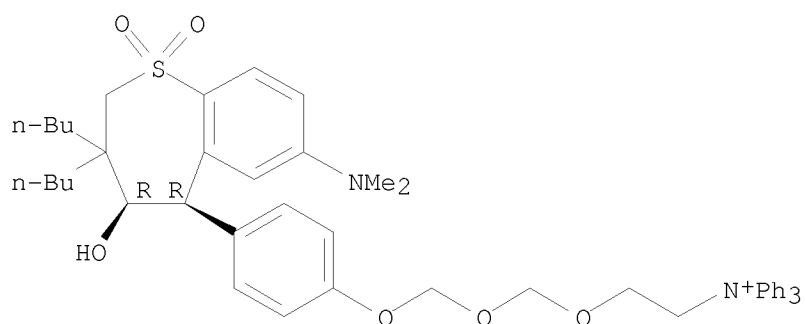
Relative stereochemistry.



10/590,458

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L18 ANSWER 311 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 773830-45-8  REGISTRY
ED Entered STN: 01 Nov 2004
CN Benzenaminium, N-[2-[[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-
tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]methoxy]methoxy]ethyl]-N,N-diphenyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C48 H59 N2 O6 S
CI COM
SR CA
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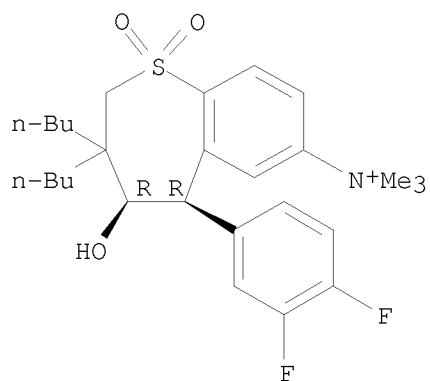
Relative stereochemistry.



10/590,458

L18 ANSWER 312 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 773036-66-1 REGISTRY
ED Entered STN: 31 Oct 2004
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-5-(3,4-difluorophenyl)-2,3,4,5-
tetrahydro-4-hydroxy-N,N,N-trimethyl-, 1,1-dioxide, (4R,5R)-rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C27 H38 F2 N O3 S
CI COM
SR CA

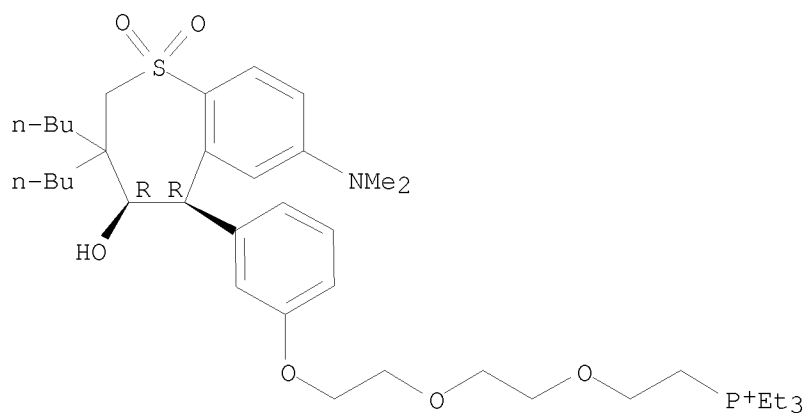
Relative stereochemistry.



10/590,458

L18 ANSWER 313 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 772320-86-2 REGISTRY
ED Entered STN: 29 Oct 2004
CN Phosphonium, [2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H63 N O6 P S
CI COM
SR CA

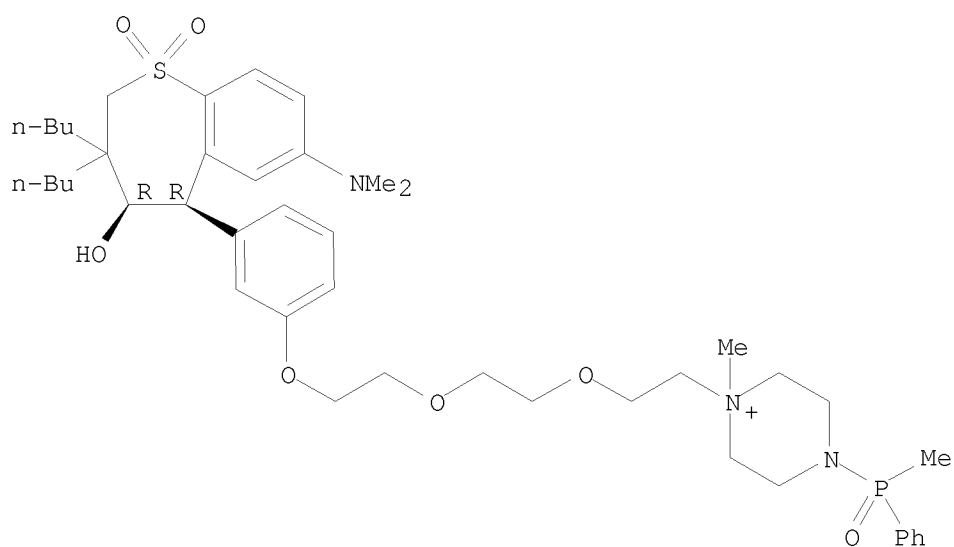
Relative stereochemistry.



10/590,458

L18 ANSWER 314 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 772320-85-1 REGISTRY
ED Entered STN: 29 Oct 2004
CN Piperazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-methyl-4-(methylphenylphosphinyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H67 N3 O7 P S
CI COM
SR CA

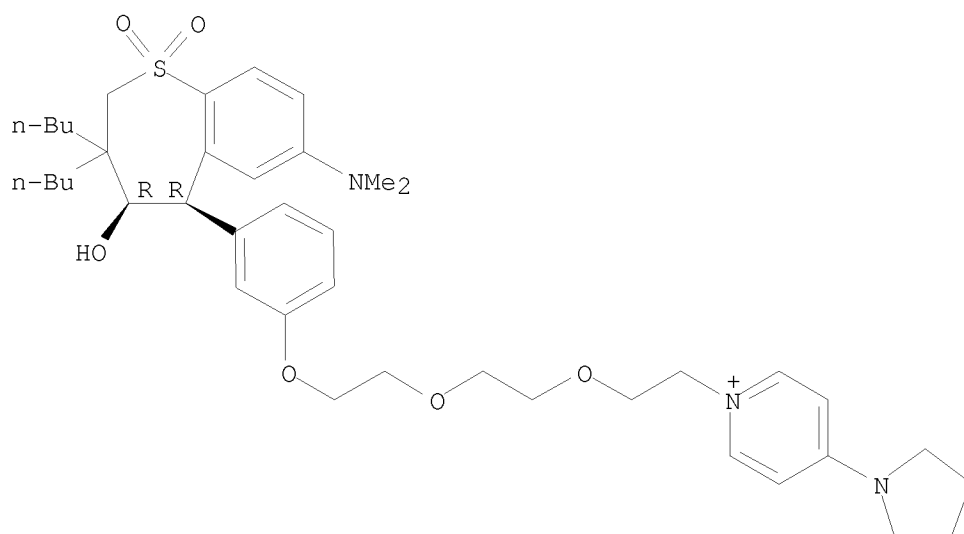
Relative stereochemistry.



10/590,458

L18 ANSWER 315 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 771457-36-4 REGISTRY
ED Entered STN: 28 Oct 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-pyrrolidiny)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H60 N3 O6 S
CI COM
SR CA

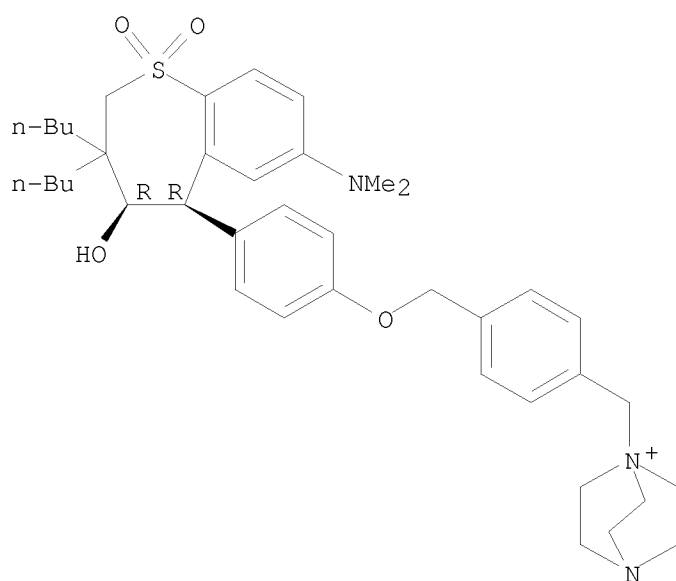
Relative stereochemistry.



10/590,458

L18 ANSWER 300 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 776282-68-9 REGISTRY
ED Entered STN: 08 Nov 2004
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-
hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methyl]phenyl]methyl]-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H56 N3 O4 S
CI COM
SR CA

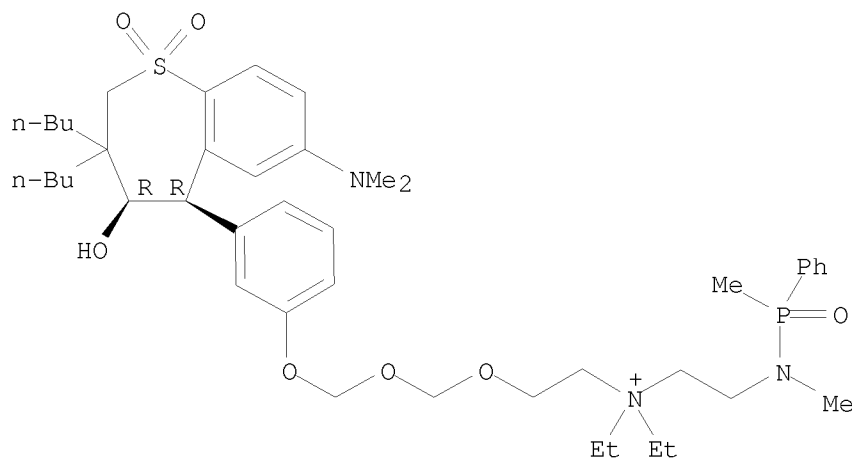
Relative stereochemistry.



10/590,458

L18 ANSWER 301 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 776276-22-3 REGISTRY
ED Entered STN: 08 Nov 2004
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N,N-diethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H69 N3 O7 P S
CI COM
SR CA

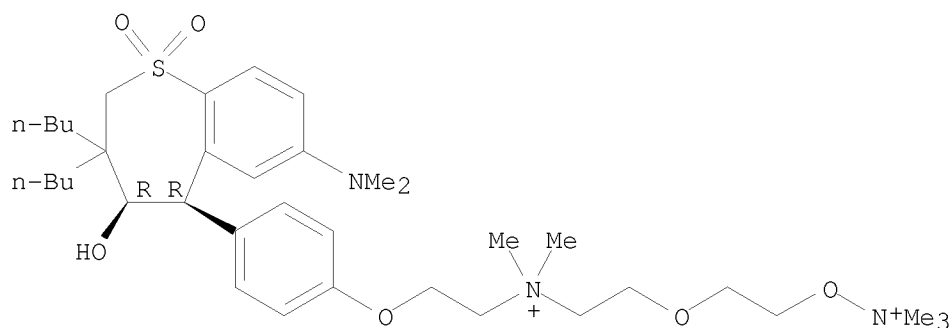
Relative stereochemistry.



10/590,458

L18 ANSWER 302 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 775560-92-4 REGISTRY
ED Entered STN: 07 Nov 2004
CN Ethanaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-7-yl]phenoxy]-N,N-dimethyl-N-[2-[2-[(trimethylammonio)oxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H63 N3 O6 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 303 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 775273-46-6 REGISTRY

ED Entered STN: 05 Nov 2004

CN 1,2-Ethanediaminium, N1-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N2-ethyl-N1,N1,N2,N2-tetramethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,2-Ethanediaminium, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N'-ethyl-N,N,N',N'-tetramethyl-, rel- (9CI)

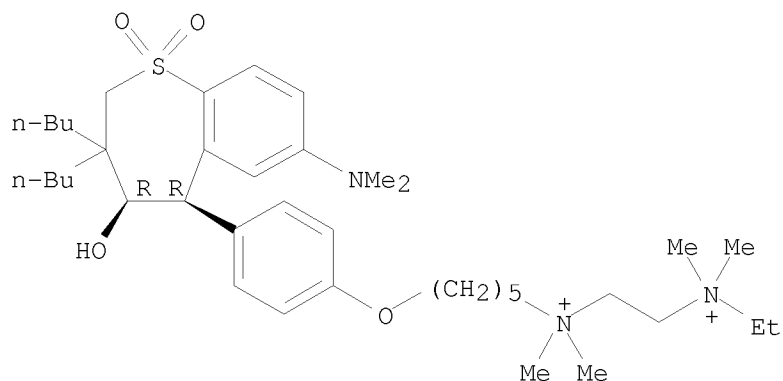
FS STEREOSEARCH

MF C39 H67 N3 O4 S

CI COM

SR CA

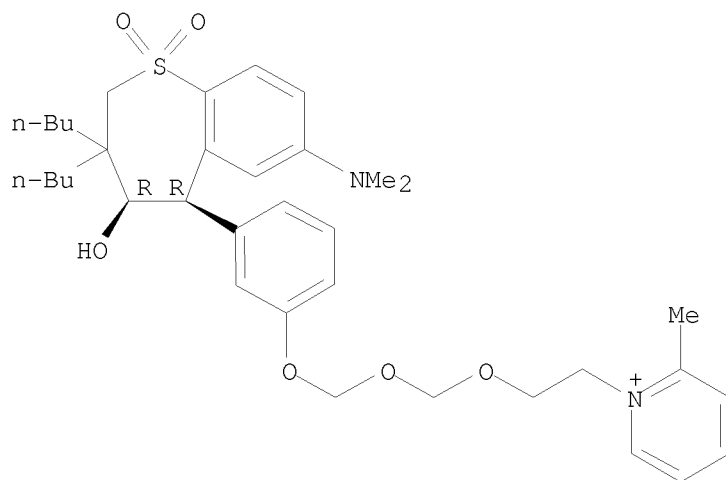
Relative stereochemistry.



10/590,458

L18 ANSWER 304 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 775268-78-5 REGISTRY
ED Entered STN: 05 Nov 2004
CN Pyridinium, 1-[2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]ethyl]-2-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H51 N2 O6 S
CI COM
SR CA

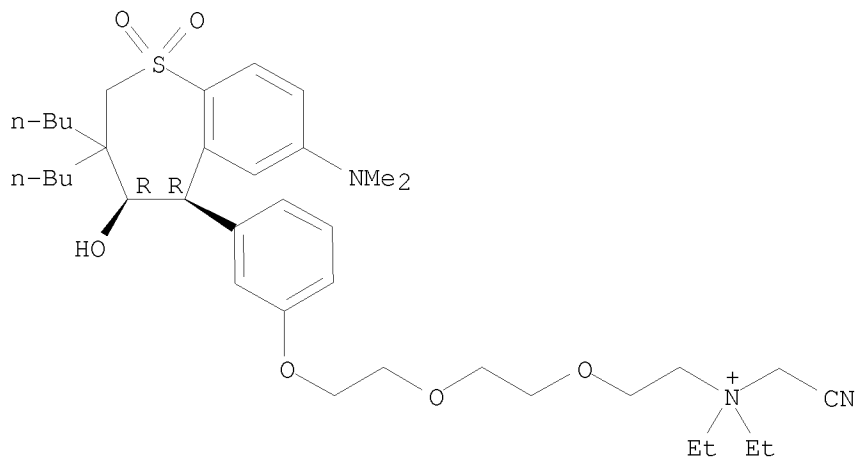
Relative stereochemistry.



10/590,458

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L18 ANSWER 305 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 775266-60-9  REGISTRY
ED Entered STN: 05 Nov 2004
CN Ethanaminium, N-(cyanomethyl)-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-
(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H60 N3 O6 S
CI COM
SR CA
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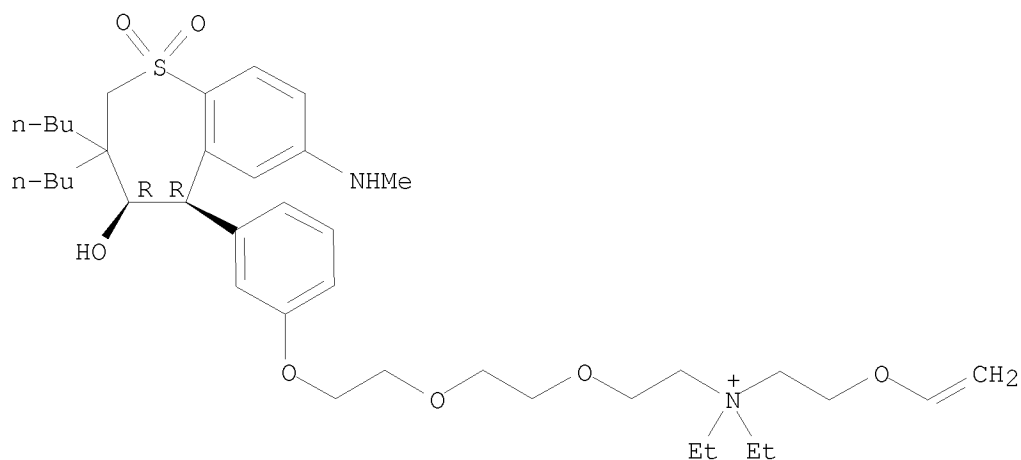
Relative stereochemistry.



10/590,458

L18 ANSWER 306 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 775266-59-6 REGISTRY
ED Entered STN: 05 Nov 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-(ethenyloxy)ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H63 N2 O7 S
CI COM
SR CA

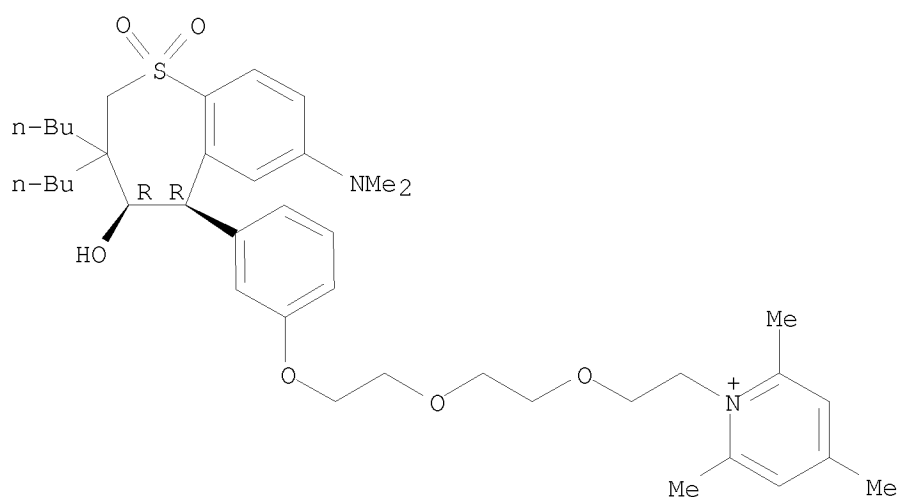
Relative stereochemistry.



10/590,458

L18 ANSWER 307 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 774519-91-4 REGISTRY
ED Entered STN: 04 Nov 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2,4,6-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H59 N2 O6 S
CI COM
SR CA

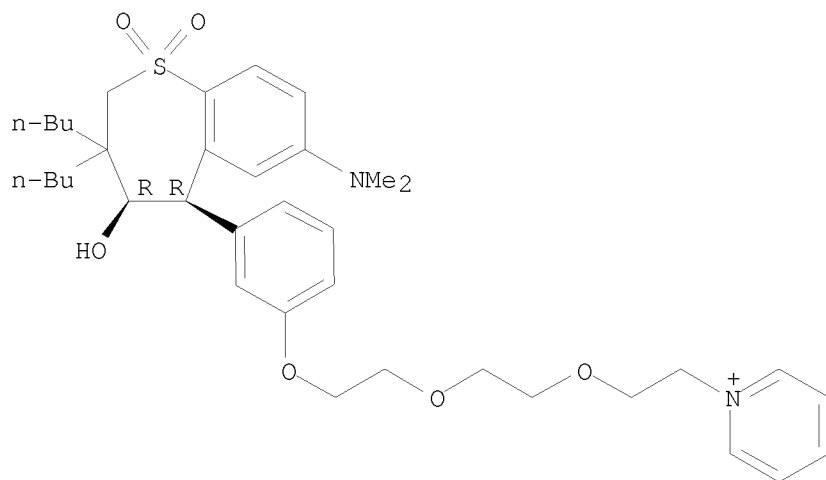
Relative stereochemistry.



10/590,458

L18 ANSWER 292 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 780019-79-6 REGISTRY
ED Entered STN: 14 Nov 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C37 H53 N2 O6 S
CI COM
SR CA

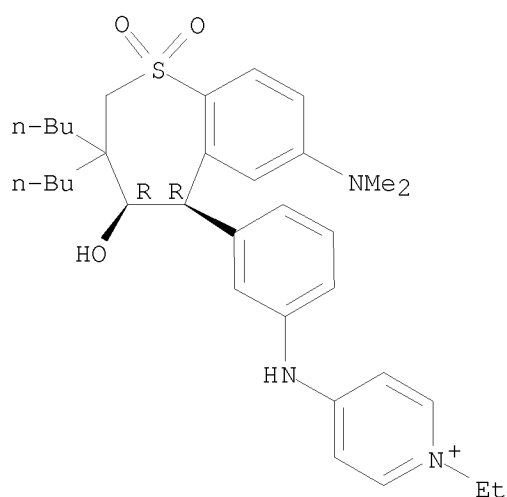
Relative stereochemistry.



10/590,458

L18 ANSWER 293 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 779313-58-5 REGISTRY
ED Entered STN: 12 Nov 2004
CN Pyridinium, 4-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]-1-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H46 N3 O3 S
CI COM
SR CA

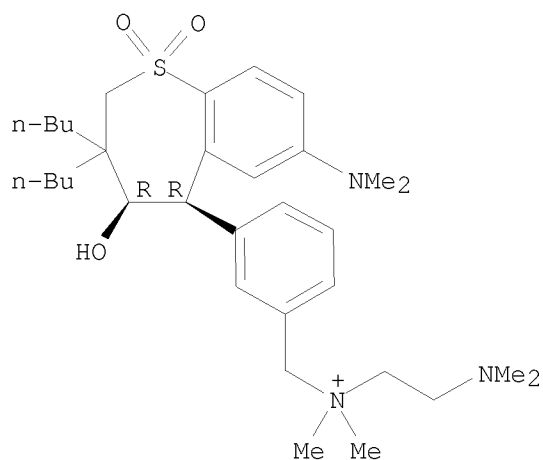
Relative stereochemistry.



10/590,458

L18 ANSWER 294 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 779306-70-6 REGISTRY
ED Entered STN: 12 Nov 2004
CN Benzenemethanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N-[2-(dimethylamino)ethyl]-N,N-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H54 N3 O3 S
CI COM
SR CA

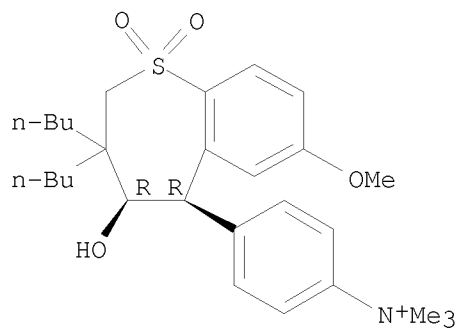
Relative stereochemistry.



10/590,458

L18 ANSWER 295 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 778557-23-6 REGISTRY
ED Entered STN: 11 Nov 2004
CN Benzenaminium, 4-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-methoxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H42 N O4 S
CI COM
SR CA

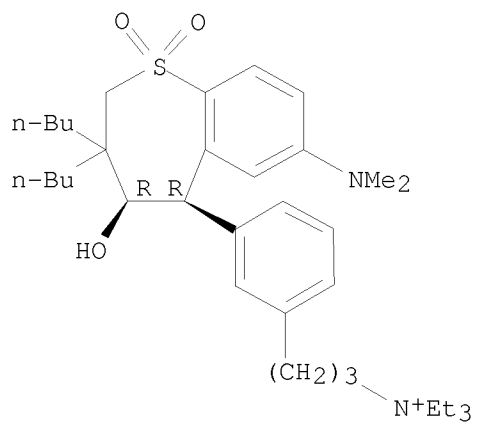
Relative stereochemistry.



10/590,458

L18 ANSWER 296 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 777842-32-7 REGISTRY
ED Entered STN: 10 Nov 2004
CN Benzenepropanaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-triethyl-,
rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H57 N2 O3 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 297 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 777835-47-9 REGISTRY

ED Entered STN: 10 Nov 2004

CN 1H-Pyrazolium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Pyrazolium, 1-[2-[2-[2-[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-phenyl-, cis- (9CI)

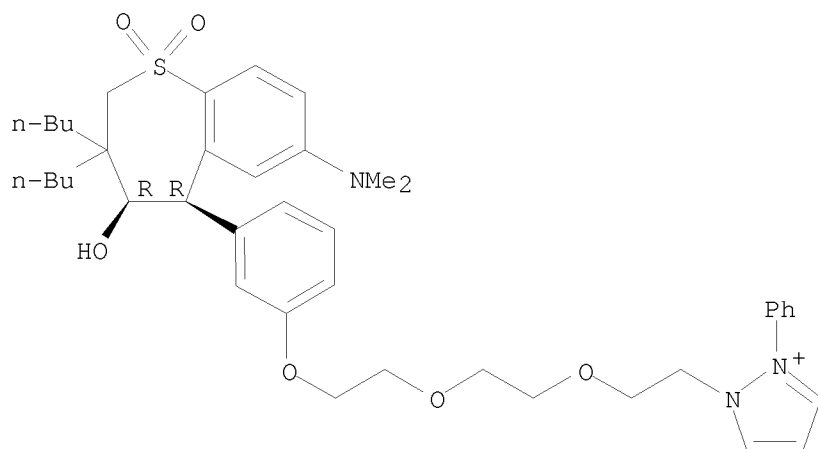
FS STEREOSEARCH

MF C41 H56 N3 O6 S

CI COM

SR CA

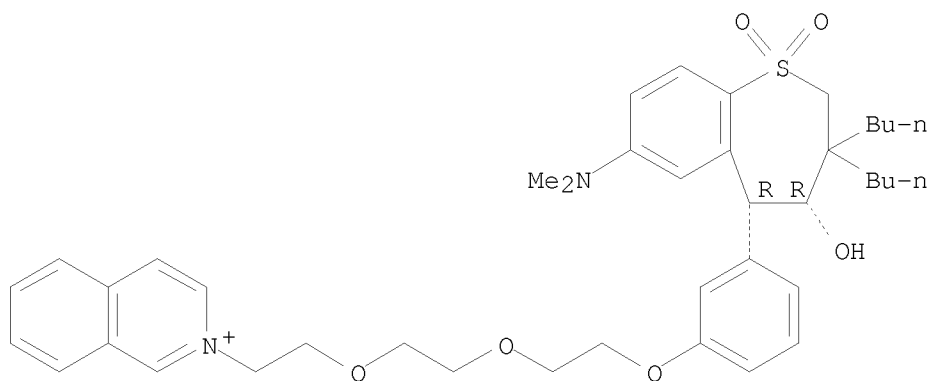
Relative stereochemistry.



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L18 ANSWER 298 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 777835-46-8  REGISTRY
ED Entered STN: 10 Nov 2004
CN Isoquinolinium, 2-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C41 H55 N2 O6 S
CI COM
SR CA
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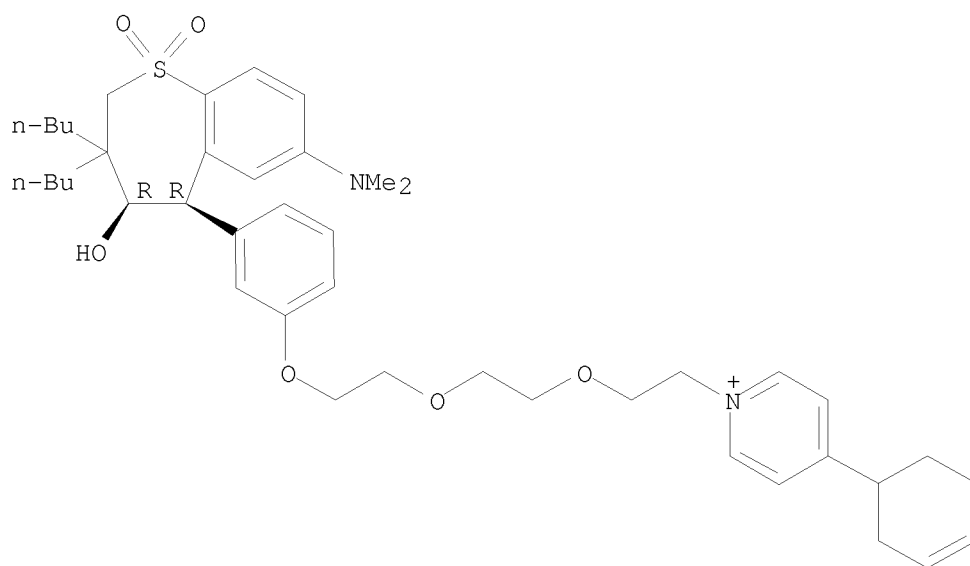
Relative stereochemistry.



10/590,458

L18 ANSWER 299 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 777039-28-8 REGISTRY
ED Entered STN: 09 Nov 2004
CN Pyridinium, 4-(3-cyclohexen-1-yl)-1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H61 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

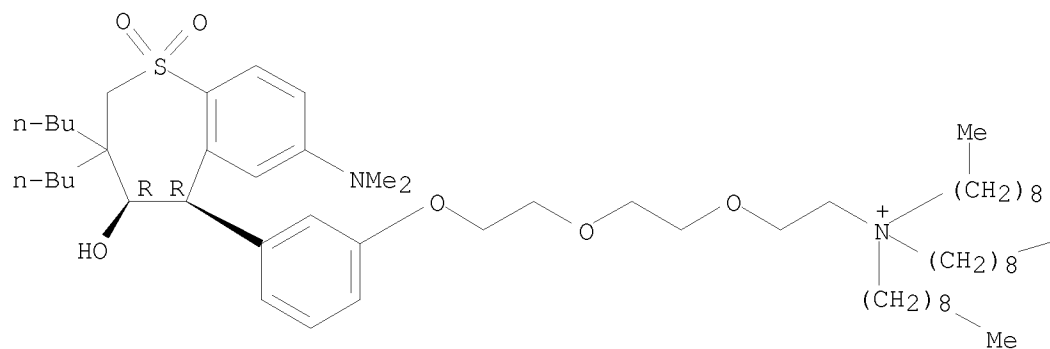


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L18 ANSWER 284 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 783286-21-5 REGISTRY
ED Entered STN: 18 Nov 2004
CN 1-Nonanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dinonyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C59 H105 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

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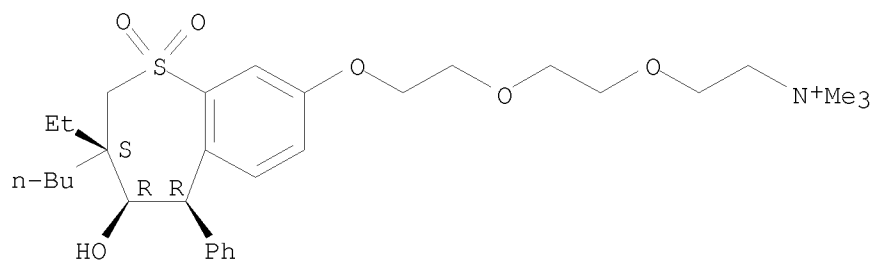
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L18 ANSWER 285 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 783286-20-4 REGISTRY
ED Entered STN: 18 Nov 2004
CN Ethanaminium, 2-[2-[2-[[(3R,4S,5S)-3-butyl-3-ethyl-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-5-phenyl-1-benzothiepin-8-yl]oxy]ethoxy]ethoxy]-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H48 N O6 S
CI COM
SR CA

Relative stereochemistry.

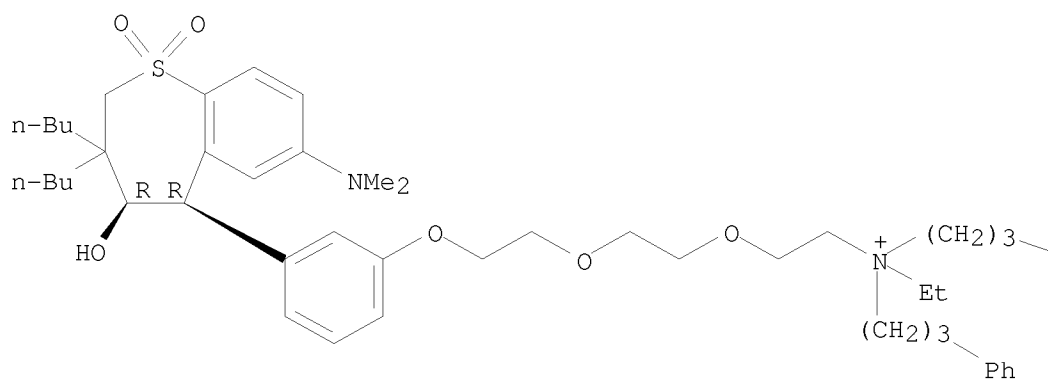


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L18 ANSWER 286 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 782431-39-4 REGISTRY
ED Entered STN: 16 Nov 2004
CN Benzenepropanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N-ethyl-N-(3-phenylpropyl)-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C52 H75 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

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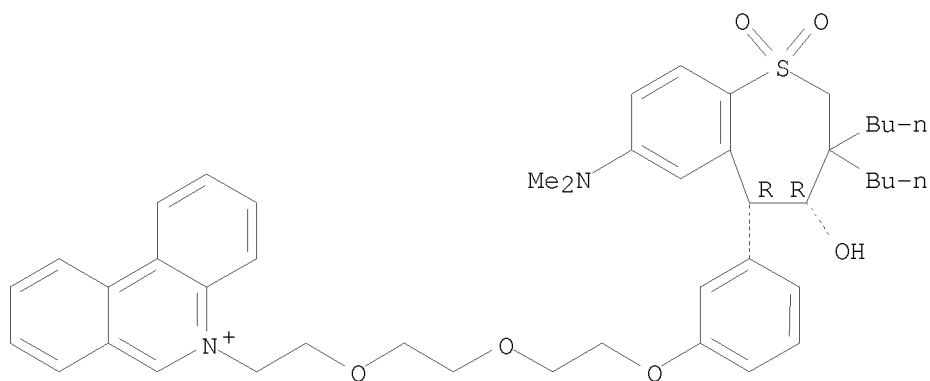
PAGE 1-B

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L18 ANSWER 287 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 782431-38-3 REGISTRY
ED Entered STN: 16 Nov 2004
CN Phenanthridinium, 5-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H57 N2 O6 S
CI COM
SR CA

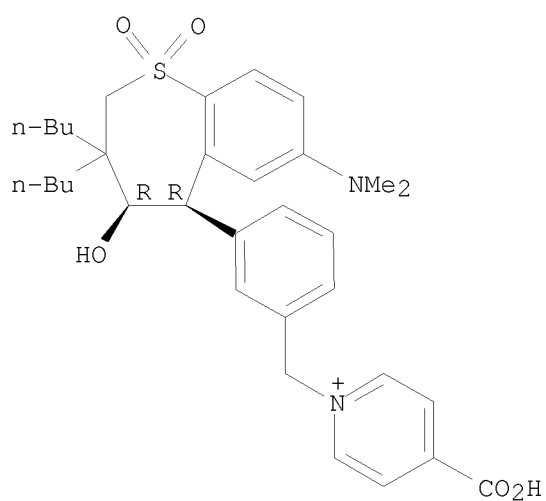
Relative stereochemistry.



10/590,458

L18 ANSWER 288 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 781602-89-9 REGISTRY
ED Entered STN: 16 Nov 2004
CN Pyridinium, 4-carboxy-1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-, rel-
(CA INDEX NAME)
FS STEREOSEARCH
MF C33 H43 N2 O5 S
CI COM
SR CA

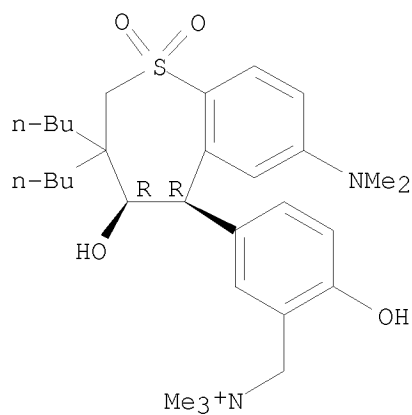
Relative stereochemistry.



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L18 ANSWER 289 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 781596-03-0 REGISTRY
ED Entered STN: 16 Nov 2004
CN Benzenemethanaminium, 5-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-hydroxy-N,N,N-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H47 N2 O4 S
CI COM
SR CA

Relative stereochemistry.



L18 ANSWER 290 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 780742-49-6 REGISTRY

ED Entered STN: 15 Nov 2004

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-N,N,N-tris[2-(2-methoxyethoxy)ethyl]-, rel- (9CI)

FS STEREOSEARCH

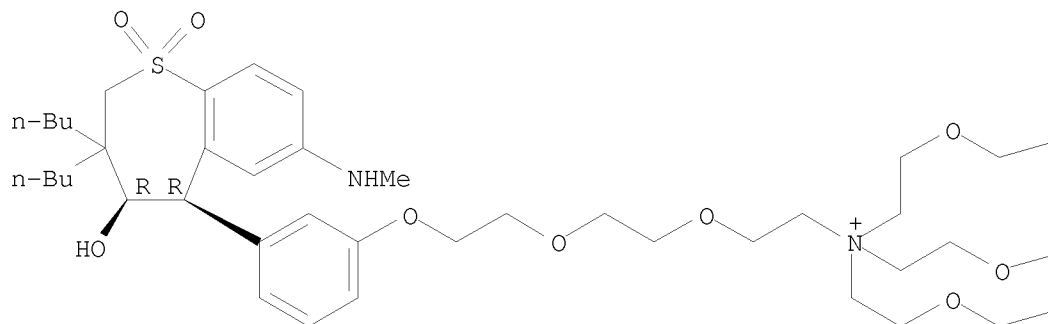
MF C46 H79 N2 O12 S

CI COM

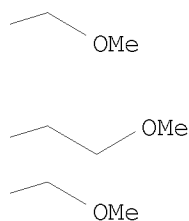
SR CA

Relative stereochemistry.

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L18 ANSWER 291 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 780735-66-2 REGISTRY

ED Entered STN: 15 Nov 2004

CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyridinium, 1-[2-[2-[2-[3-[3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(hydroxymethyl)-, cis- (9CI)

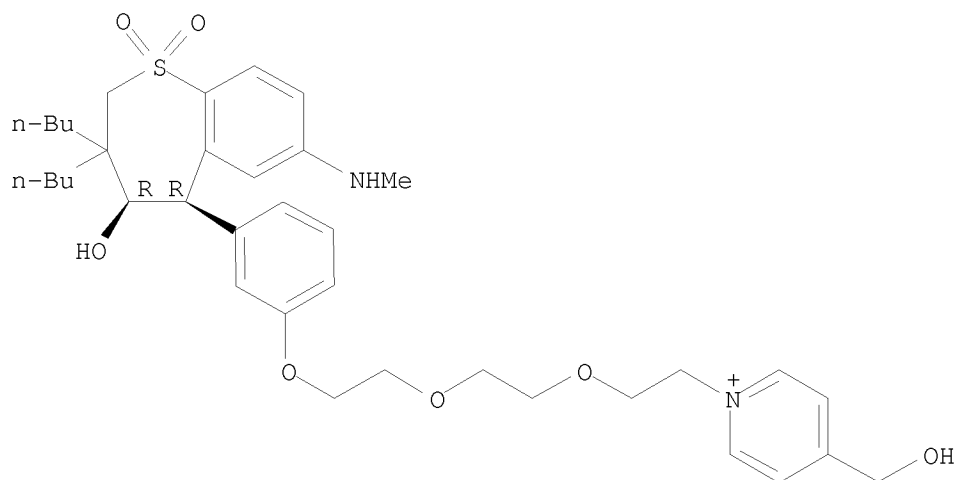
FS STEREOSEARCH

MF C37 H53 N2 O7 S

CI COM

SR CA

Relative stereochemistry.



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L18 ANSWER 276 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 786623-35-6 REGISTRY

ED Entered STN: 23 Nov 2004

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, N-[2-[2-[2-[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-, cis- (9CI)

FS STEREOSEARCH

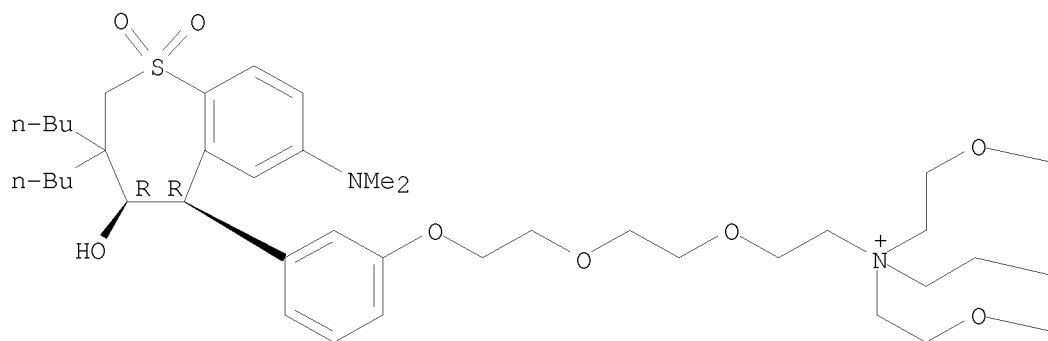
MF C47 H81 N2 O12 S

CI COM

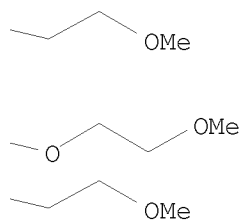
SR CA

Relative stereochemistry.

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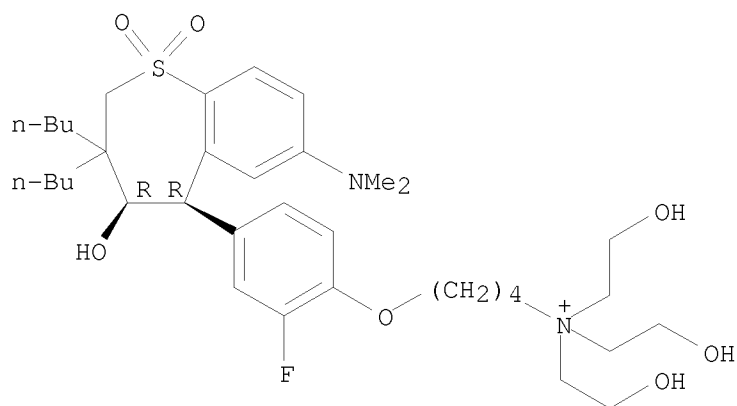
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L18 ANSWER 277 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 785765-02-8 REGISTRY
ED Entered STN: 22 Nov 2004
CN 1-Butanaminium, 4-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N-tris(2-hydroxyethyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H58 F N2 O7 S
CI COM
SR CA

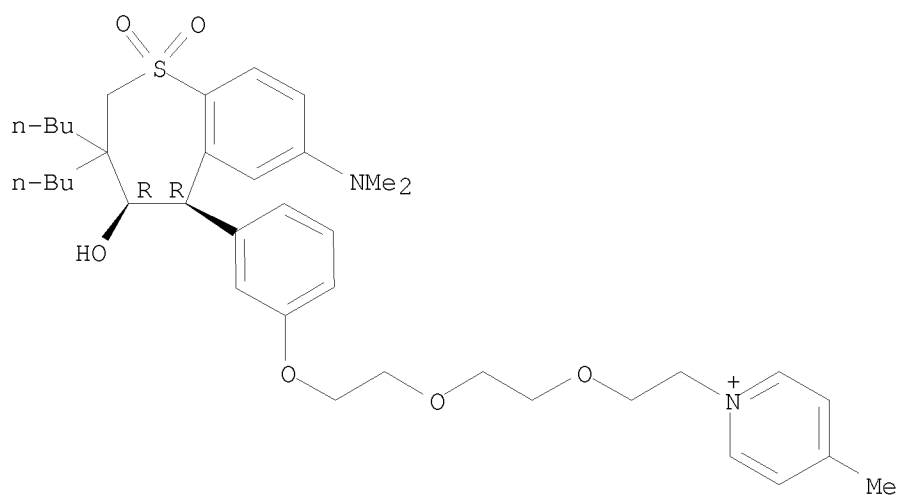
Relative stereochemistry.



10/590,458

L18 ANSWER 278 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 785758-13-6 REGISTRY
ED Entered STN: 22 Nov 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H55 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

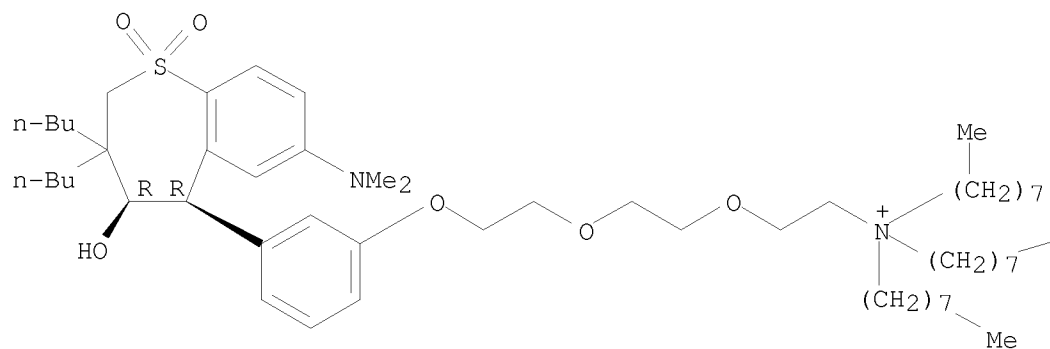


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L18 ANSWER 279 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 785029-92-7 REGISTRY
ED Entered STN: 21 Nov 2004
CN 1-Octanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dioctyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C56 H99 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

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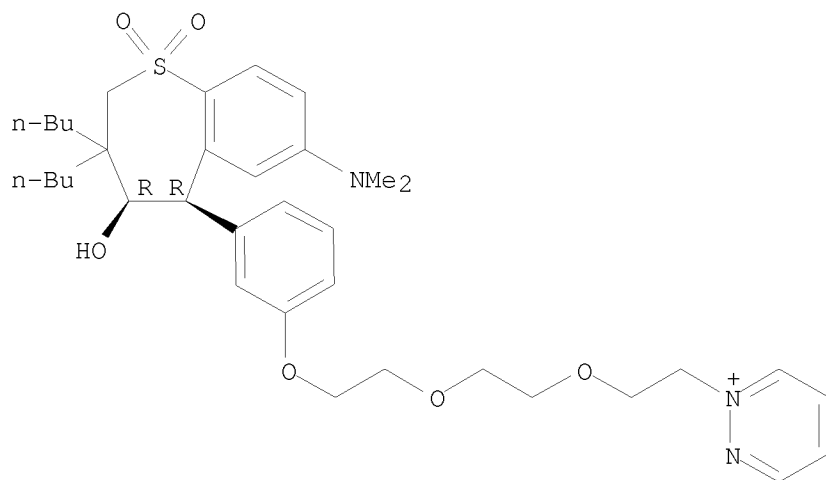
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L18 ANSWER 280 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 785029-91-6 REGISTRY
ED Entered STN: 21 Nov 2004
CN Pyridazinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H52 N3 O6 S
CI COM
SR CA

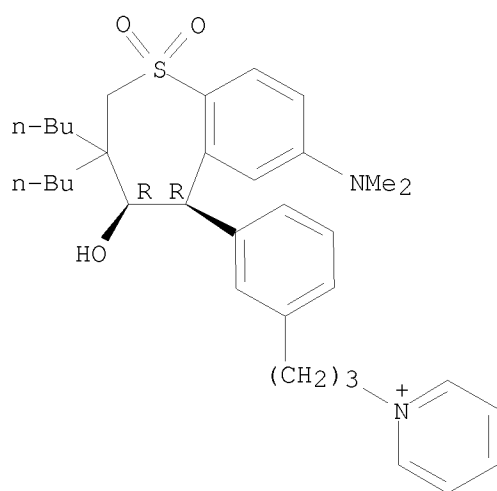
Relative stereochemistry.



10/590,458

L18 ANSWER 281 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 784128-00-3 REGISTRY
ED Entered STN: 19 Nov 2004
CN Pyridinium, 1-[3-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]propyl]-, rel-
(CA INDEX NAME)
FS STEREOSEARCH
MF C34 H47 N2 O3 S
CI COM
SR CA

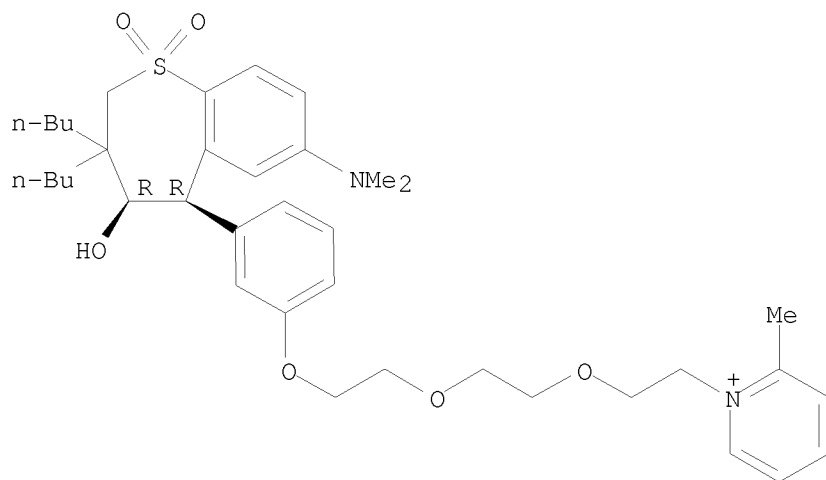
Relative stereochemistry.



10/590,458

L18 ANSWER 282 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 784121-11-5 REGISTRY
ED Entered STN: 19 Nov 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-methyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H55 N2 O6 S
CI COM
SR CA

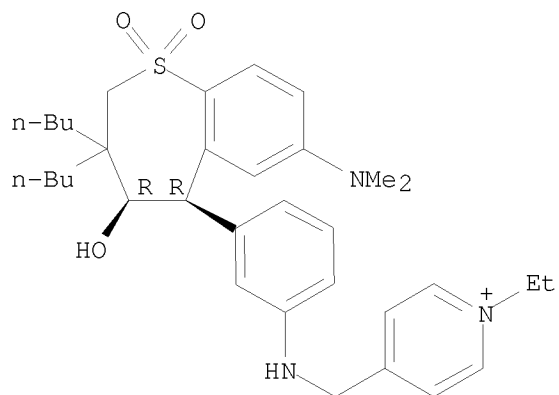
Relative stereochemistry.



10/590,458

L18 ANSWER 283 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 783293-09-4 REGISTRY
ED Entered STN: 18 Nov 2004
CN Pyridinium, 4-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]methyl]-1-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H48 N3 O3 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 270 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 788803-81-6 REGISTRY

ED Entered STN: 26 Nov 2004

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-hydroxy-N,N-dimethyl-2-oxo-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, N-(carboxymethyl)-2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-, rel- (9CI)

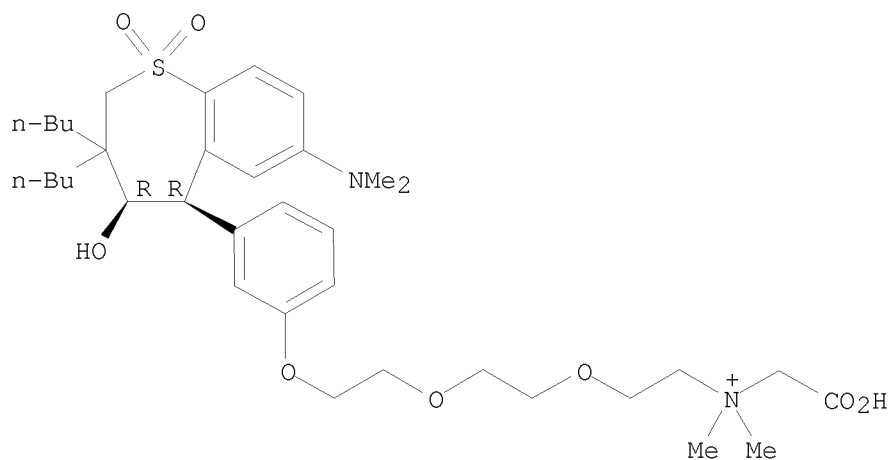
FS STEREOSEARCH

MF C36 H57 N2 O8 S

CI COM

SR CA

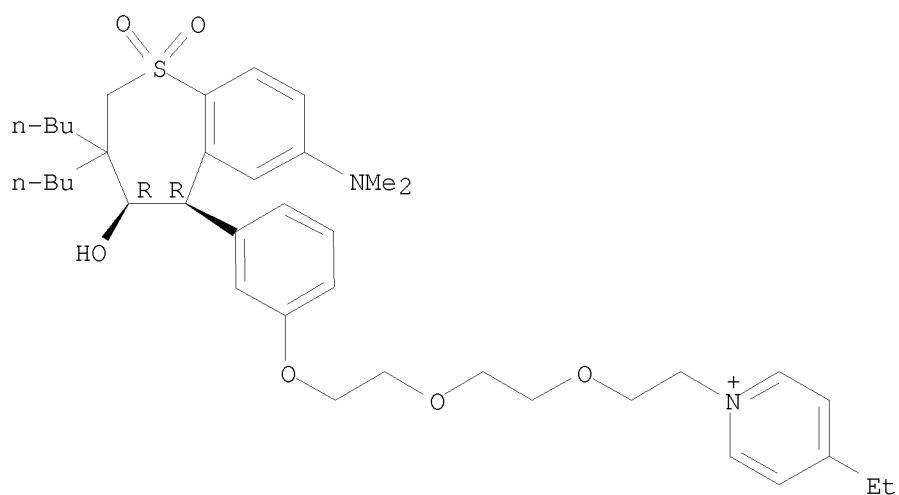
Relative stereochemistry.



10/590,458

L18 ANSWER 271 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 788138-93-2 REGISTRY
ED Entered STN: 25 Nov 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-ethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H57 N2 O6 S
CI COM
SR CA

Relative stereochemistry.



L18 ANSWER 272 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 787530-27-2 REGISTRY

ED Entered STN: 24 Nov 2004

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N-[2-[(dimethylamino)carbonyl]amino]ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethyl]-N-[2-[(dimethylamino)carbonyl]amino]ethyl]-N,N-diethyl-, rel- (9CI)

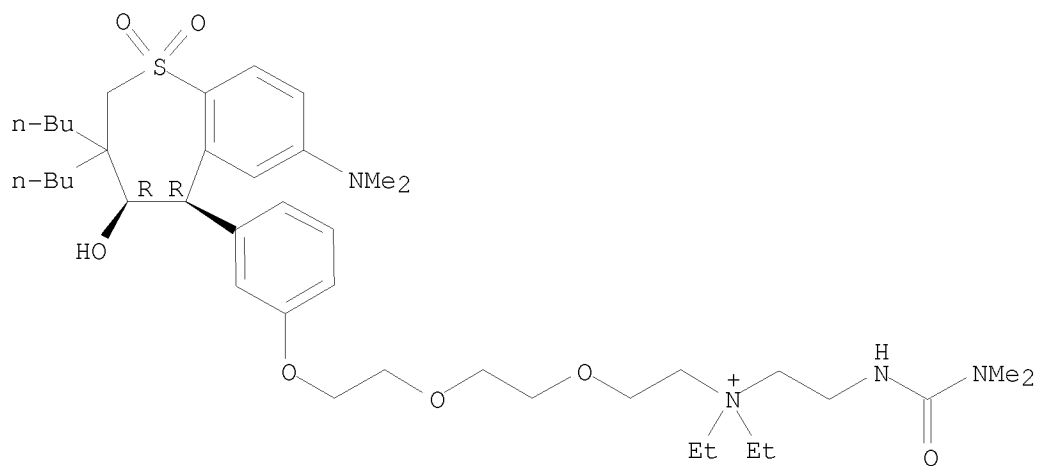
FS STEREOSEARCH

MF C41 H69 N4 O7 S

CI COM

SR CA

Relative stereochemistry.



L18 ANSWER 273 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 787530-26-1 REGISTRY

ED Entered STN: 24 Nov 2004

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-7-(methylamino)-1,1-dioxido-1H-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-dimethyl-N-[2-[methyl(phenylsulfonyl)amino]ethyl]-, rel- (9CI)

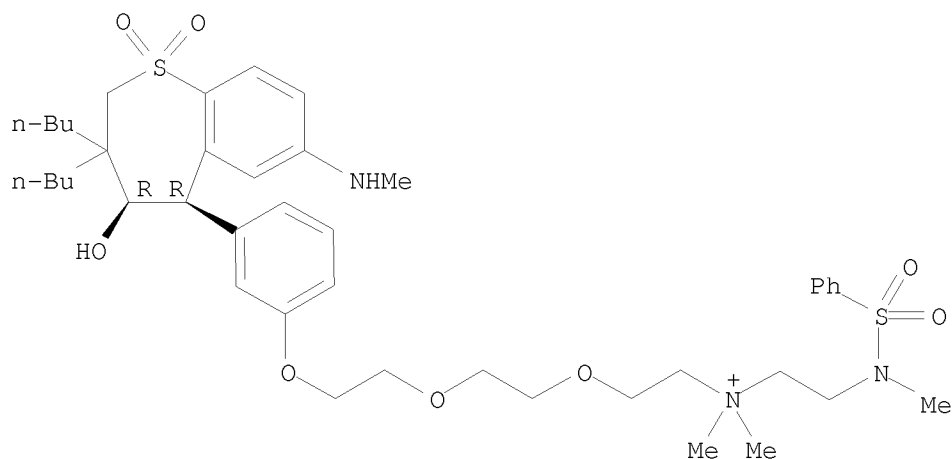
FS STEREOSEARCH

MF C42 H64 N3 O8 S2

CI COM

SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 274 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 786630-24-8 REGISTRY

ED Entered STN: 23 Nov 2004

CN 1,3-Propanediaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N1,N1,N1,N3,N3,N3-hexaethyl-2-[(triethylammonio)methyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Propanediaminium, 2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]-N,N,N,N',N',N'-hexaethyl-2-[(triethylammonio)methyl]-, rel- (9CI)

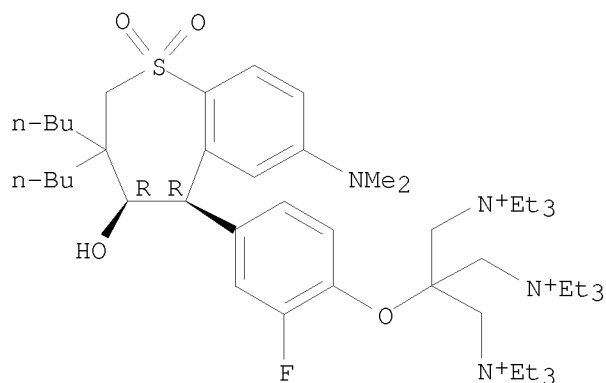
FS STEREOSEARCH

MF C48 H86 F N4 O4 S

CI COM

SR CA

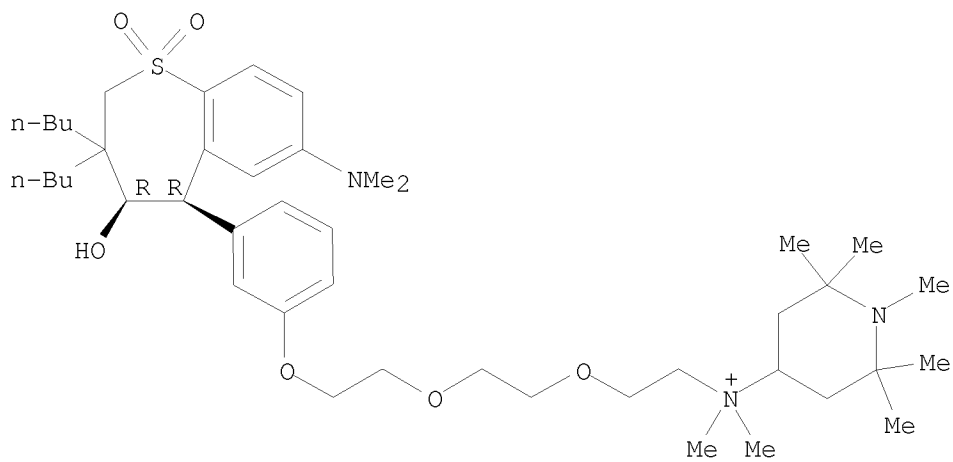
Relative stereochemistry.



10/590,458

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L18 ANSWER 275 OF 492  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 786623-36-7  REGISTRY
ED Entered STN: 23 Nov 2004
CN 4-Piperidinaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N,1,2,2,6,6-heptamethyl-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C44 H74 N3 O6 S
CI COM
SR CA
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Relative stereochemistry.

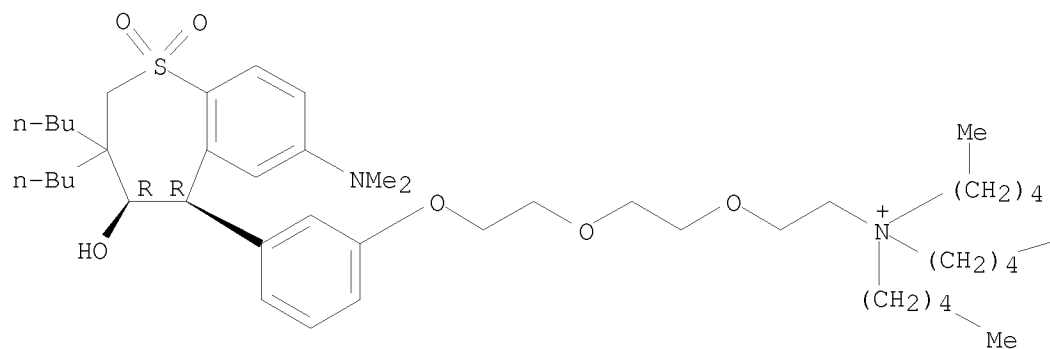


10/590,458

L18 ANSWER 260 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 791044-05-8 REGISTRY
ED Entered STN: 01 Dec 2004
CN 1-Pentanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-dipentyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C47 H81 N2 O6 S
CI COM
SR CA

Relative stereochemistry.

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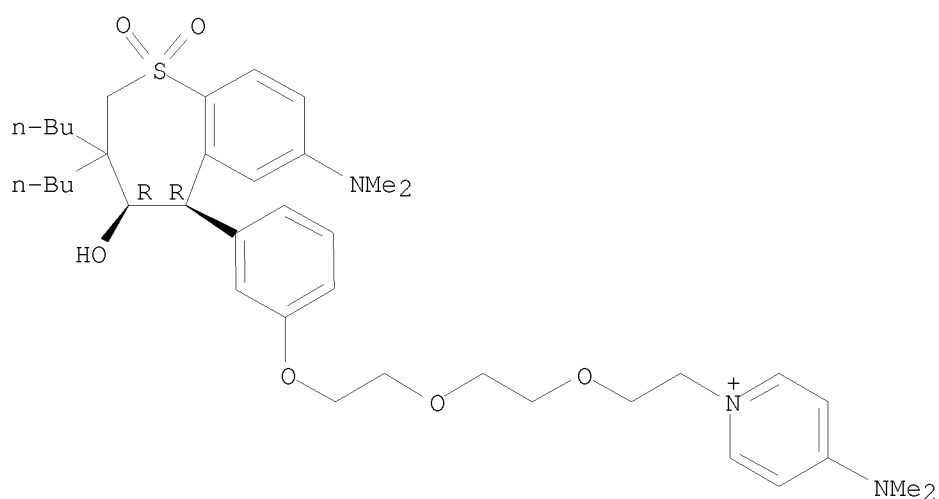
PAGE 1-B

Me

10/590,458

L18 ANSWER 261 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 791044-04-7 REGISTRY
ED Entered STN: 01 Dec 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(dimethylamino)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H58 N3 O6 S
CI COM
SR CA

Relative stereochemistry.



L18 ANSWER 262 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 790646-98-9 REGISTRY

ED Entered STN: 30 Nov 2004

CN 1,6-Hexanediaminium, N1,N6-bis[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N1,N1,N6,N6-tetramethyl-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediaminium, N-[5-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N'-[5-[4-[(4S,5S)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]pentyl]-N,N,N',N'-tetramethyl-, rel- (9CI)

FS STEREOSEARCH

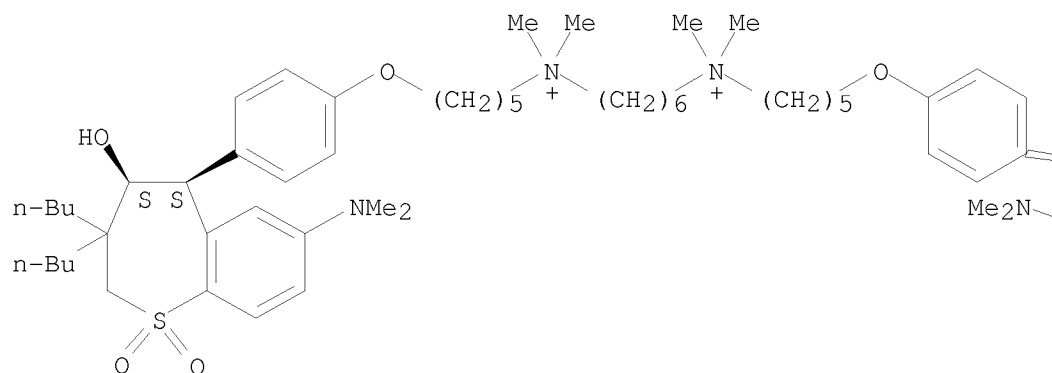
MF C72 H116 N4 O8 S2

CI COM

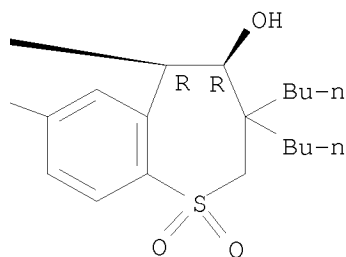
SR CA

Relative stereochemistry.

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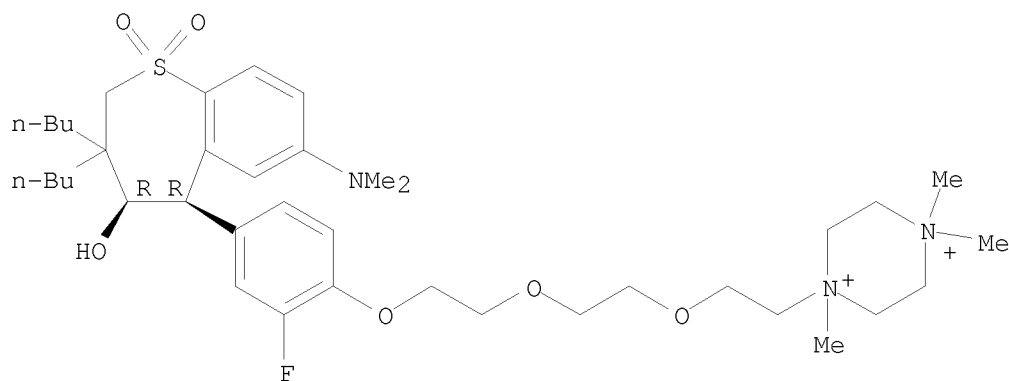
PAGE 1-B



10/590,458

L18 ANSWER 263 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 790640-49-2 REGISTRY
ED Entered STN: 30 Nov 2004
CN Piperazinium, 1-[2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]-1,4,4-trimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H64 F N3 O6 S
CI COM
SR CA

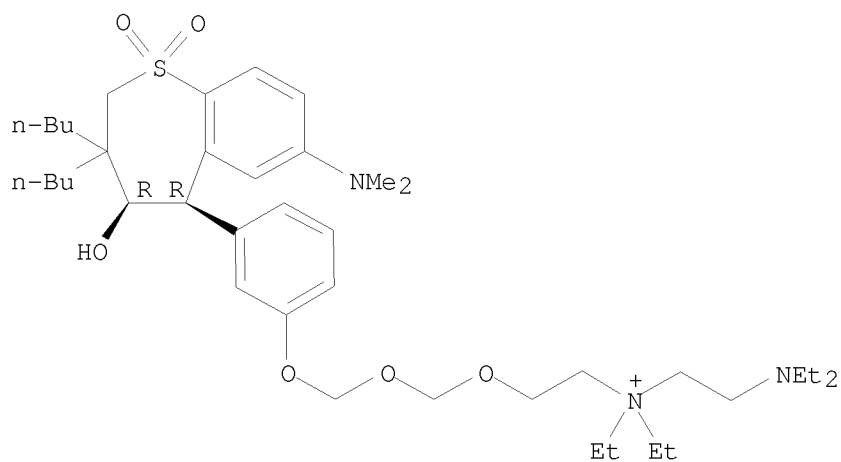
Relative stereochemistry.



10/590,458

L18 ANSWER 264 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 790640-48-1 REGISTRY
ED Entered STN: 30 Nov 2004
CN Ethanaminium, 2-[[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]methoxy]methoxy]-N-[2-(diethylamino)ethyl]-N,N-diethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H68 N3 O6 S
CI COM
SR CA

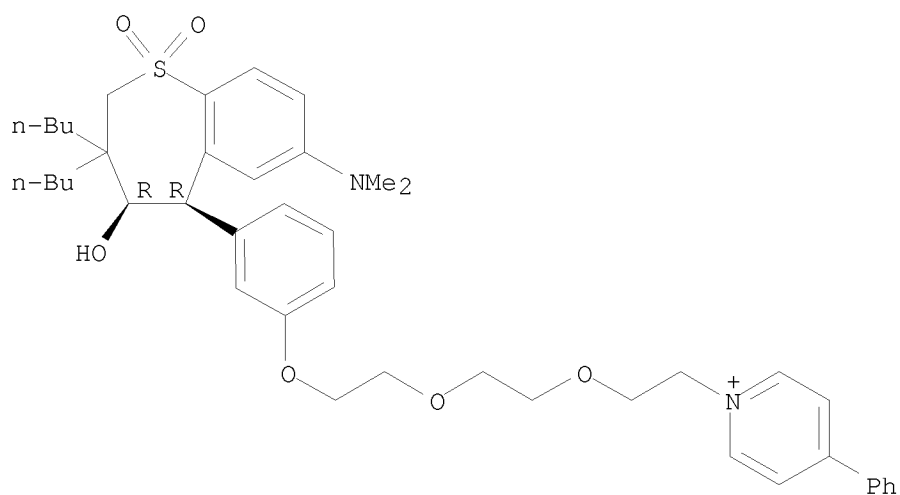
Relative stereochemistry.



10/590,458

L18 ANSWER 265 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 790189-69-4 REGISTRY
ED Entered STN: 29 Nov 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-phenyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H57 N2 O6 S
CI COM
SR CA

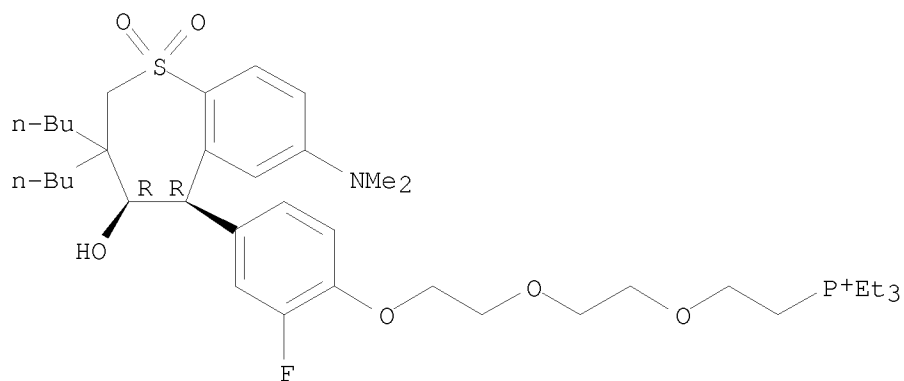
Relative stereochemistry.



10/590,458

L18 ANSWER 266 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 789478-53-1 REGISTRY
ED Entered STN: 28 Nov 2004
CN Phosphonium, [2-[2-[2-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-2-fluorophenoxy]ethoxy]ethoxy]ethyl]triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H62 F N O6 P S
CI COM
SR CA

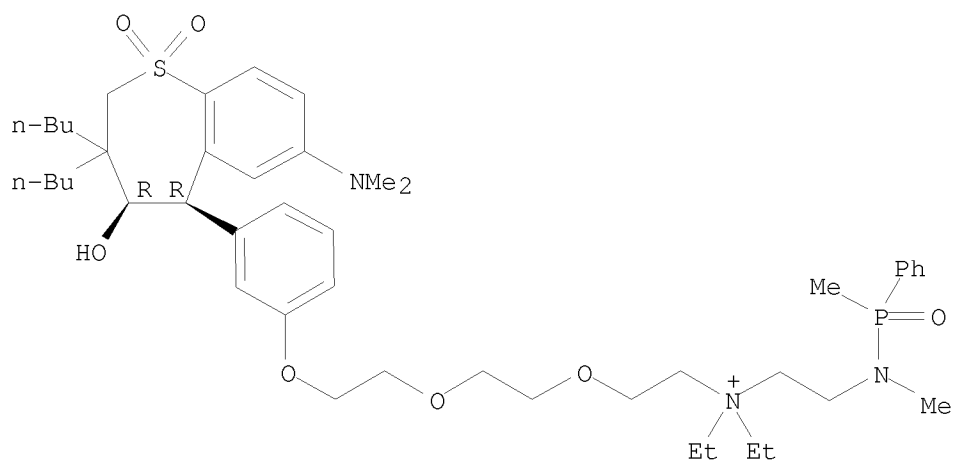
Relative stereochemistry.



10/590,458

L18 ANSWER 267 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 789473-85-4 REGISTRY
ED Entered STN: 28 Nov 2004
CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-diethyl-N-[2-[methyl(methylphenylphosphinyl)amino]ethyl]-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C46 H73 N3 O7 P S
CI COM
SR CA

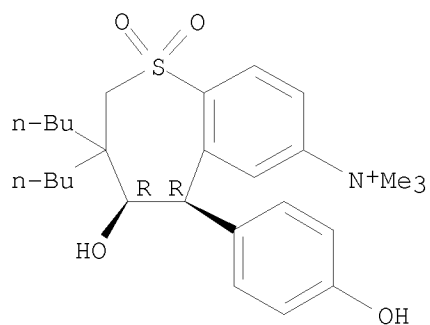
Relative stereochemistry.



10/590,458

L18 ANSWER 268 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 789471-65-4 REGISTRY
ED Entered STN: 28 Nov 2004
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(4-hydroxyphenyl)-N,N,N-trimethyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H40 N O4 S
CI COM
SR CA

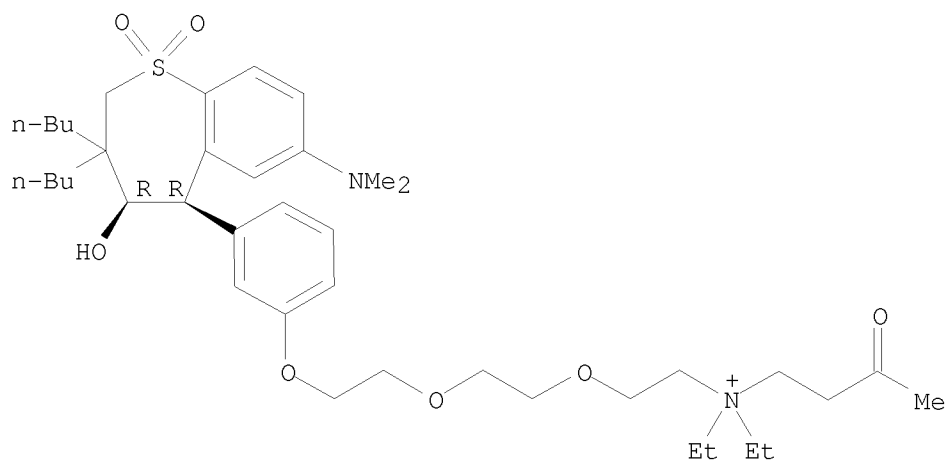
Relative stereochemistry.



10/590,458

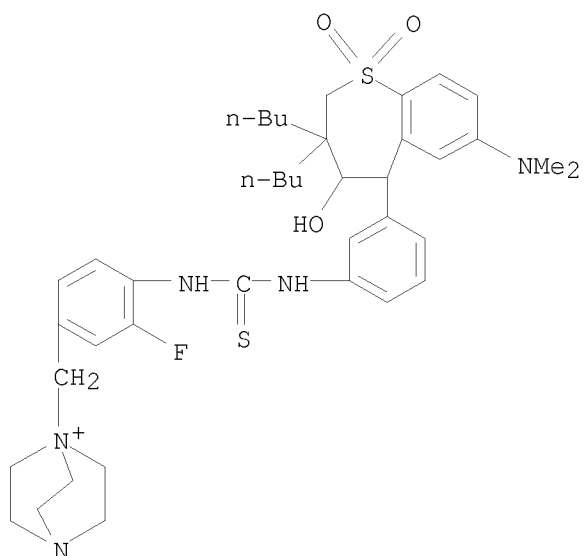
L18 ANSWER 269 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 788803-82-7 REGISTRY
ED Entered STN: 26 Nov 2004
CN 1-Butanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-
2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-
yl]phenoxy]ethoxy]ethoxy]ethyl]-N,N-diethyl-3-oxo-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H65 N2 O7 S
CI COM
SR CA

Relative stereochemistry.



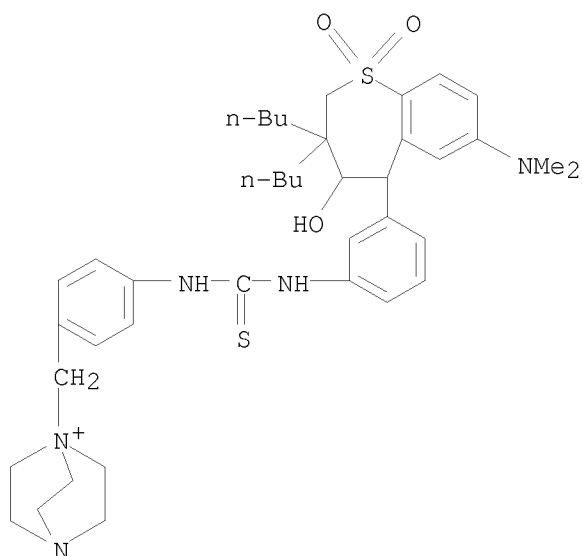
10/590,458

L18 ANSWER 250 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 864356-44-5 REGISTRY
ED Entered STN: 03 Oct 2005
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[[4-[[[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-
1,1-dioxido-1-benzothiepin-5-yl]phenyl]amino]thioxomethyl]amino]-3-
fluorophenyl]methyl]- (CA INDEX NAME)
MF C40 H55 F N5 O3 S2
CI COM
SR CA



10/590,458

L18 ANSWER 251 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 864356-43-4 REGISTRY
ED Entered STN: 03 Oct 2005
CN 4-Aza-1-azoniabicyclo[2.2.2]octane,
1-[[4-[[[3-[3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-
1,1-dioxido-1-benzothiepin-5-
yl]phenyl]amino]thioxomethyl]amino]phenyl]methyl]- (CA INDEX NAME)
MF C40 H56 N5 O3 S2
CI COM
SR CA



L18 ANSWER 252 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN

RN 793651-35-1 REGISTRY

ED Entered STN: 07 Dec 2004

CN Ethanaminium, 2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]-N,N-bis[2-(2-methoxyethoxy)ethyl]-N-[(2-methoxyethoxy)methyl]-, rel- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-(2-methoxyethoxy)-N,N-bis[2-(2-methoxyethoxy)ethyl]-, rel- (9CI)

FS STEREOSEARCH

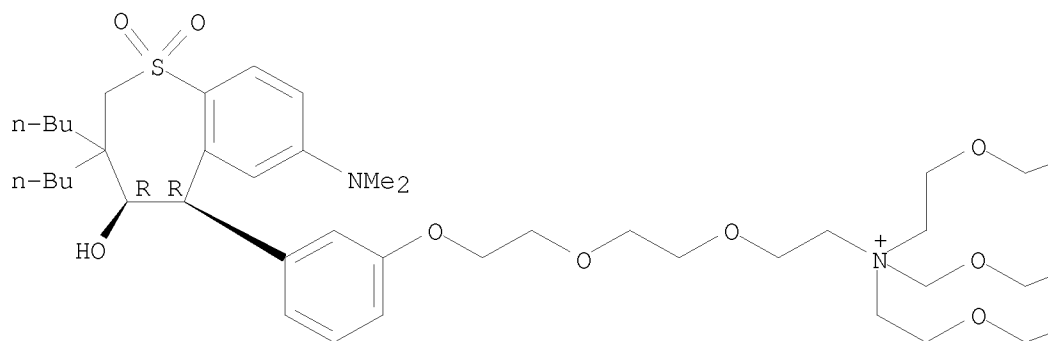
MF C46 H79 N2 O12 S

CI COM

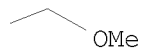
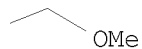
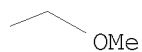
SR CA

Relative stereochemistry.

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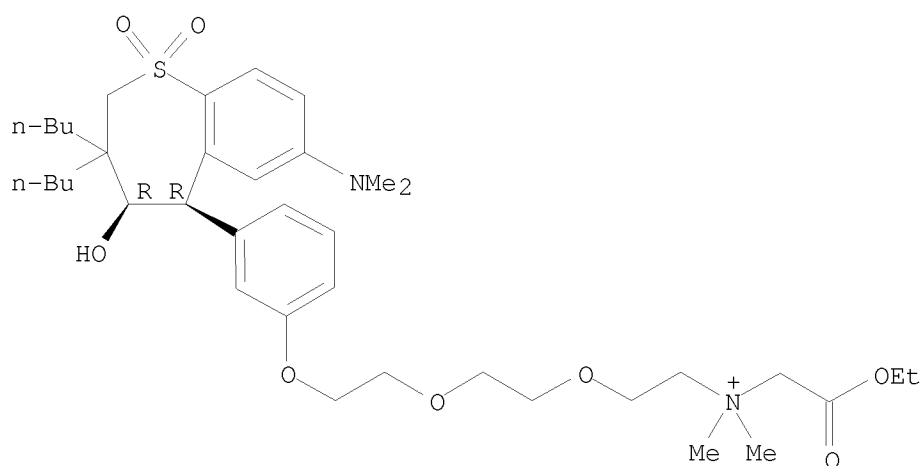
PAGE 1-B



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L18 ANSWER 253 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 793649-14-6 REGISTRY
ED Entered STN: 07 Dec 2004
CN Ethanaminium, N-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-2-ethoxy-N,N-dimethyl-2-oxo-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H61 N2 O8 S
CI COM
SR CA

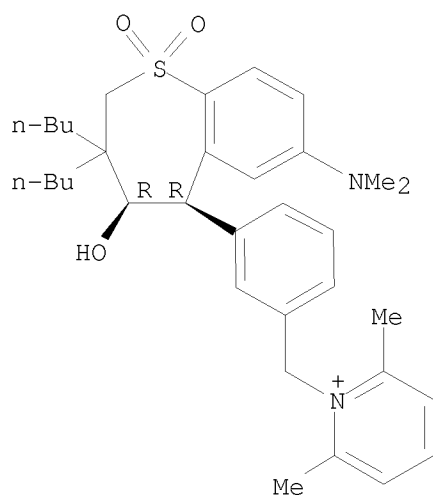
Relative stereochemistry.



10/590,458

L18 ANSWER 254 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 792895-39-7 REGISTRY
ED Entered STN: 06 Dec 2004
CN Pyridinium, 1-[[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenyl]methyl]-2,6-dimethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C34 H47 N2 O3 S
CI COM
SR CA

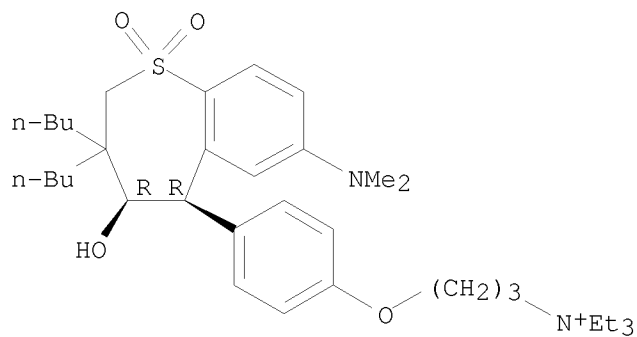
Relative stereochemistry.



10/590,458

L18 ANSWER 255 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 792888-48-3 REGISTRY
ED Entered STN: 06 Dec 2004
CN 1-Propanaminium, 3-[4-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]-N,N,N-triethyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H57 N2 O4 S
CI COM
SR CA

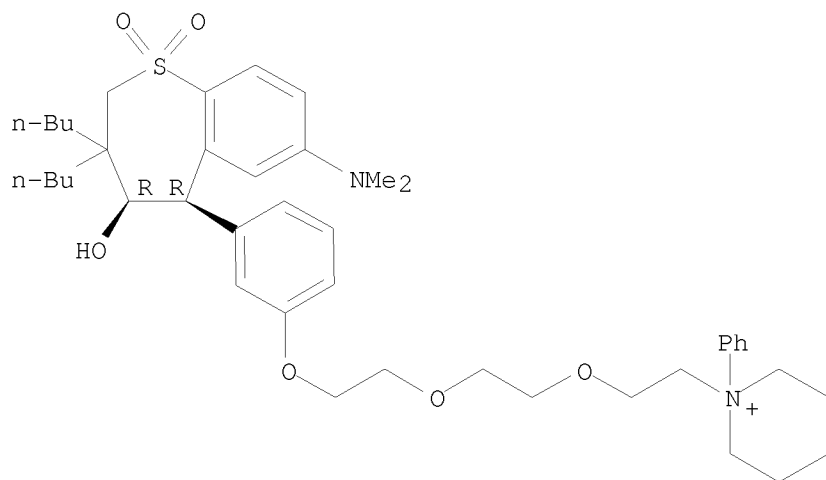
Relative stereochemistry.



10/590,458

L18 ANSWER 256 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 792169-01-8 REGISTRY
ED Entered STN: 05 Dec 2004
CN Piperidinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-1-phenyl-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H63 N2 O6 S
CI COM
SR CA

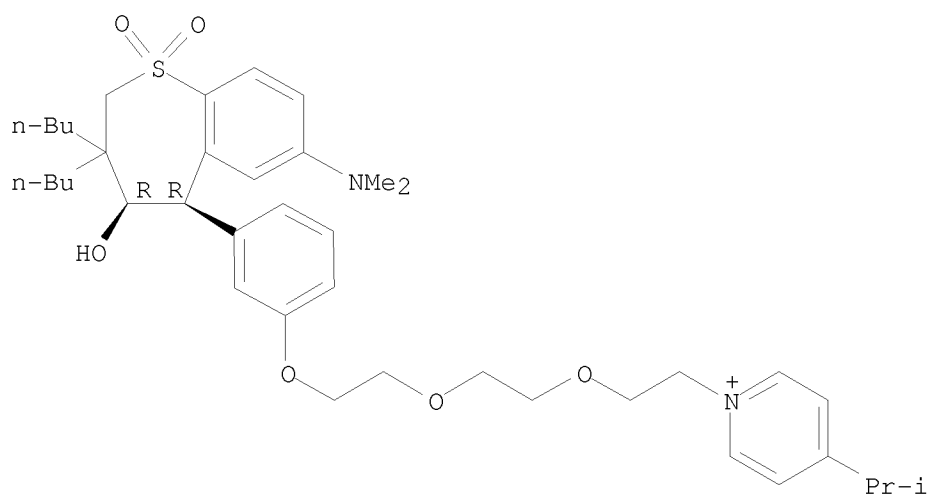
Relative stereochemistry.



10/590,458

L18 ANSWER 257 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 792169-00-7 REGISTRY
ED Entered STN: 05 Dec 2004
CN Pyridinium, 1-[2-[2-[2-[3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]ethoxy]ethoxy]ethyl]-4-(1-methylethyl)-, rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H59 N2 O6 S
CI COM
SR CA

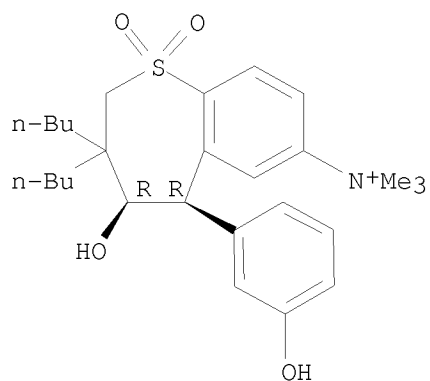
Relative stereochemistry.



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L18 ANSWER 258 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 791763-87-6 REGISTRY
ED Entered STN: 03 Dec 2004
CN 1-Benzothiepin-7-aminium, 3,3-dibutyl-2,3,4,5-tetrahydro-4-hydroxy-5-(3-hydroxyphenyl)-N,N,N-trimethyl-, 1,1-dioxide, (4R,5R)-rel- (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H40 N O4 S
CI COM
SR CA

Relative stereochemistry.



10/590,458

L18 ANSWER 259 OF 492 REGISTRY COPYRIGHT 2009 ACS on STN
RN 791567-79-8 REGISTRY
ED Entered STN: 02 Dec 2004
CN Benzenaminium, 3-[(4R,5R)-3,3-dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-
4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]-N,N,N-trimethyl-, rel- (CA
INDEX NAME)
FS STEREOSEARCH
MF C29 H45 N2 O3 S
CI COM
SR CA

Relative stereochemistry.

